

## Appendix

To reduce the size of the appendix, meta-data that contain the same values for all classes and properties are excluded in further listing. Brackets { } indicate that the meta-data's value is empty yet. The concerned properties and values are as follows:

version = 1    remark = { }    status level = Proposal    version\_released\_on = 25.06.2023  
revision = 1    revision\_released\_on = { }    obsolete\_date = { }    version\_initiated\_on = { }

### Appendix A: Classes

UML-Name:	Batch	BillOfMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/batch	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial
preferred_name:	batch	bill of material
synonymous_name:		
short_name:	@BTCH	@BOM
definition:	The material that is or was produced during the one-time execution of a batch process.	Listing of all the subassemblies, parts, and/or materials that are used in the production of a product including the quantity of each material required to make a product.
source_document_of_definition:	DIN EN 61512-1	IEC 62264-1
note:		
UML-Name:	BOMPosition	Conveyor
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor
preferred_name:	bom position	conveyor
synonymous_name:		
short_name:	@BOPO	@CONV
definition:	A single raw material, part, assembly, or article that is part of a BOM. A BOM always contains at least one BOM position.	A device following a fixed route that has the capability of moving material between points in a facility. This device commonly is used when there is a high volume of low along the route.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
note:		
UML-Name:	Dryer	HandlingDevice
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice
preferred_name:	dryer	handling device
synonymous_name:		
short_name:	@DRY	@HD
definition:	Plastic materials, either in virgin forms or re-grind, are subject to contamination by moisture, which manifests itself in various ways. A dryer is the technical asset to remove or reduce the materials moisture.	Any device that supports the movement, positioning, inserting, releasing, etc. for parts and materials.
source_document_of_definition:	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972	<own_definition>
note:		

UML-Name:	InjectionMoldingMachine	Inquiry
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inquiry">http://www.iop.rwth-aachen.de/PPC/1/1/inquiry</a>
preferred_name:	injection molding machine	inquiry
synonymous_name:		
short_name:	@IMM	@INQ
definition:	An injection molding machine is a technical asset that manufacture plastic parts. After funnel the solid plastic granulate to the machines feeder, a screw plasifies the material which then is injected to the mold.	The first contact of a (maybe new) customer to ask if a product can be manufactured to the right date, with the right costs, to the right time, to the right time, and to the desired destination.
source_document_of_definition:	<own_definition>	<own_definition>
note:		
UML-Name:	InventoryData	Mold
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>
preferred_name:	inventory data	mold
synonymous_name:		
short_name:	@INV	@MOLD
definition:	Data for those stocks or items used to support production (raw materials and work-in-process items), supporting activities (maintenance, repair, and operating supplies), and customer service (finished goods and spare parts).	Consist mostly of metal, a mold is the negative form of the part to be molded.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
note:		
UML-Name:	MoldInsert	Operation
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert">http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
preferred_name:	mold insert	operation
synonymous_name:		
short_name:	@MINS	@OP
definition:	In special cases, the mold is a so called "basic mold" with no cavity but space for different mold inserts. Hence, a mold insert is a flexible cavity.	The activities of manufacturing operations management are those activities of a manufacturing facility that coordinate the personnel, equipment, material and energy in the conversion of raw materials and/or parts into products. Manufacturing operations management includes activities that may be performed by physical equipment, human effort and information systems.
source_document_of_definition:	<own_definition>	IEC 62264-1
note:		

<b>UML-Name:</b>	<b>OptimizationModel</b>	<b>Part</b>
<b>Domain:</b>	PPC	PPC
<b>code:</b>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel">http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
<b>preferred_name:</b>	optimization model	part
<b>synonymous_name:</b>		product
<b>short_name:</b>	@OPTM	@PART
<b>definition:</b>	Model that can be used for rescheduling in order to get a new, optimal/suitable schedule regarding a specific, predetermined optimization goal.	Desired output or by-product of the processes of an enterprise.
<b>source_document_of_definition:</b>	<own_definition>	IEC 62264-1
<b>note:</b>		A product can be an intermediate product or end product from a business perspective.
<b>UML-Name:</b>	<b>Person</b>	<b>PersonalQualification</b>
<b>Domain:</b>	PPC	PPC
<b>code:</b>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification">http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification</a>
<b>preferred_name:</b>	person	personal qualification
<b>synonymous_name:</b>	operator	operator qualification
<b>short_name:</b>	@PRSN	@PRSQ
<b>definition:</b>	Grouping of persons with similar characteristics.	Skill of a person to execute operations or handle machines .
<b>source_document_of_definition:</b>	IEC 62264-2	<own_definition>
<b>note:</b>		
<b>UML-Name:</b>	<b>PlasticsGranulate</b>	<b>ProductionOrder</b>
<b>Domain:</b>	IM	PPC
<b>code:</b>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
<b>preferred_name:</b>	plastics granulate	production order
<b>synonymous_name:</b>		job
<b>short_name:</b>	@PLAS	@PO
<b>definition:</b>	Raw material for the injection molding process.	A document, group of documents, or schedule conveying authority for the manufacture of specified parts or products in specified quantities.
<b>source_document_of_definition:</b>	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
<b>note:</b>		

UML-Name:	PurchaseOrder	RawMaterial
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a>
preferred_name:	purchase order	raw material
synonymous_name:		
short_name:	@PUO	@RAW
definition:	The purchaser's authorization used to formalize a purchase transaction with a supplier.	Purchased items or extracted materials that are converted via the manufacturing process into components and products.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
note:		
UML-Name:	Routing	SalesDocument
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/routing">http://www.iop.rwth-aachen.de/PPC/1/1/routing</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
preferred_name:	routing	sales document
synonymous_name:		
short_name:	@ROUT	@SDOC
definition:	Production routing is the overlap of information between the product production rule information and bill of resources information without the bill of material information. It represents all of the non-material aspects of production such as equipment, labor, and energy. Production routings include an ordered sequence of product segments.	Sales document as dummy class provide properties that are the same for all sales documents.
source_document_of_definition:	IEC 62264-1	<own_definition>
note:		
UML-Name:	SalesOrder	Scale
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder">http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/scale">http://www.iop.rwth-aachen.de/PPC/1/1/scale</a>
preferred_name:	sales order	scale
synonymous_name:	customer order	
short_name:	@SO	@SCLE
definition:	An order from a customer for a particular product or a number of products. It is often referred to as an actual demand to distinguish it from a forecasted demand.	Technical asset for measuring the weight of a thing.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
note:		

UML-Name:	ShiftCalendar	Storage
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>
preferred_name:	shift calendar	storage
synonymous_name:		storage zone
short_name:	@SHFT	@STRG
definition:	Contains the start, finish, and break times of a shift.	Designated physical space and/or equipment dedicated to the storage of materials and/or equipment.
source_document_of_definition:	Production Planning and Control with SAP ERP, 2013, ISBN: 9781592298686	IEC 62264-1
note:		

UML-Name:	StoragePosition	TechnicalAsset
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
preferred_name:	storage position	technical asset
synonymous_name:	storage unit	
short_name:	@STPO	@TA
definition:	Designated physical space and/or equipment dedicated to the storage of materials and/or equipment within a storage zone.	Physical object uniquely identified and tracked for maintenance and/or financial purposes.
source_document_of_definition:	IEC 62264-1	IEC 62264-1
note:		IEC 62264 (and PPCinIM) addresses physical assets used in equipment roles. There are many other physical assets in an enterprise.

UML-Name:	TemperatureControlDevice	TransportContainer
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a>
preferred_name:	temperature control device	transport container
synonymous_name:	temperature control unit	
short_name:	@TCU	@TRCN
definition:	Controls the temperature of the mold.	A specific asset that is suitable to transport a specific type of material (robust, fluid, etc.).
source_document_of_definition:	<own_definition>	<own_definition>
note:		

## Appendix B: Properties

For all properties in Appendix B applies:  
formula = { }    synonymous\_letter\_symbol = { }  
note = { }

UML-Name:	actaulQuantity	actualCosts
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/actaulQuantity">http://www.iop.rwth-aachen.de/PPC/1/1/actaulQuantity</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/actualCosts">http://www.iop.rwth-aachen.de/PPC/1/1/actualCosts</a>
preferred_name:	actual quantity	actual costs
synonymous_name:	total quantity	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
definition:	The quantities (OK parts, rejects) that occur during production are shown in this container.	The labor, material, and associated overhead costs that are charged against a job as it moves through the production process.
source_document_of_definition:	VDI 5600 Part 3	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	1	€
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL_MEASURE	REAL_CURRENCY
value_format:	NR2..8.2	NR2 2.2

<b>UML-Name:</b>	<b>actualDryingLevel</b>	<b>actualDuration</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/actualDryingLevel">http://www.iop.rwth-aachen.de/IM/1/1/actualDryingLevel</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/actualDuration">http://www.iop.rwth-aachen.de/PPC/1/1/actualDuration</a>
preferred_name:	actual drying level	actual duration
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_act}
data_element_type_class:	K29	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	The actual drying level of a plastic granulate that is the opposite of the level of moisture.	The difference between the actual start date and the current date (if the activity is still in progress) or the difference between the actual start date and the actual completion date (if the activity is completed).
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	mg/l	min
code_of_unit:	UAA827	UAA842
alternative_unit_of_measure:		h
code_of_alternative_unit:		UAA525
code_of_list_of_units:	UAD106	UAD197
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2	NR2..6.2

  

<b>UML-Name:</b>	<b>actualEndDate</b>	<b>actualStartDate</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/actualEndDate">http://www.iop.rwth-aachen.de/PPC/1/1/actualEndDate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/actualStartDate">http://www.iop.rwth-aachen.de/PPC/1/1/actualStartDate</a>
preferred_name:	actual end date	actual start date
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	The date on which an activity in a project was completed.	The date on which an activity was started.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	DATE_TIME	DATE_TIME
value_format:	X 10	X 10

<b>UML-Name:</b>	<b>adapterPlateHeightMax</b>	<b>adapterPlateWidthMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateHeightMax">http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateHeightMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateWidthMax">http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateWidthMax</a>
preferred_name:	maximum adapter plate height	maximum adapter plate width
synonymous_name:		
short_name:		
preferred_letter_symbol:	h_adapplate,max}	w_adapplate,max}
data_element_type_class:	T03	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Maximum possible height of a mold that can be mounted on the machine.	Maximum possible width of a mold that can be mounted on the machine.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	mm	mm
code_of_unit:	UAA862	UAA862
alternative_unit_of_measure:	cm	cm
code_of_alternative_unit:	UAA375	UAA375
code_of_list_of_units:	UAD072	UAD072
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4

  

<b>UML-Name:</b>	<b>adapterType</b>	<b>airQuantity</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/adapterType">http://www.iop.rwth-aachen.de/IM/1/1/adapterType</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/airQuantity">http://www.iop.rwth-aachen.de/IM/1/1/airQuantity</a>
preferred_name:	adapter type	air quantity
synonymous_name:		
short_name:		
preferred_letter_symbol:		q_air}
data_element_type_class:	A58	K30
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>
definition:	Type of the adapter.	Quantity of air the dryer can provide in an hour.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	m <sup>3</sup> /h
code_of_unit:		UAA763
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD239
data_type:	STRING	REAL
value_format:	X..40	NR2



<b>UML-Name:</b>	<b>allowDiverseMat</b>	<b>alternativeName</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/allowDiverseMat">http://www.iop.rwth-aachen.de/PPC/1/1/allowDiverseMat</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/alternativeName">http://www.iop.rwth-aachen.de/PPC/1/1/alternativeName</a>
preferred_name:	allow diverse materials	alternative name
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A57	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
definition:	True if the storage of different material types is allowed. False, if the storage of different material types is not allowed, e.g., due to chemical reactions or contamination.	An alternative name of the part.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	BOOLEAN	STRING
value_format:	B 1	X..40
<b>UML-Name:</b>	<b>apparentDensity</b>	<b>availableStock</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/apparentDensity">http://www.iop.rwth-aachen.de/IM/1/1/apparentDensity</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/availableStock">http://www.iop.rwth-aachen.de/PPC/1/1/availableStock</a>
preferred_name:	apparent density	available stock
synonymous_name:		
short_name:		
preferred_letter_symbol:	$\rho_{\text{apparent}}$	
data_element_type_class:	C11	A71
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
definition:	The apparent density of a free-flowing, i.e., powdery, granular or short-fibered molding compound is the quotient of the mass and the volume occupied by the molding compound poured in a certain way.	Quantity of the material, product, commodity, and resources on stock at a given time.
source_document_of_definition:	DIN 53466	VDI 2815 Part 4
unit_of_measure:	g/cm <sup>3</sup>	1
code_of_unit:	UAA469	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD106	
data_type:	REAL	REAL
value_format:	NR2	NR2..8.2

<b>UML-Name:</b>	<b>barometricPressure</b>	<b>baseQuantityUnit</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/barometricPressure">http://www.iop.rwth-aachen.de/PPC/1/1/barometricPressure</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/baseQuantityUnit">http://www.iop.rwth-aachen.de/PPC/1/1/baseQuantityUnit</a>
preferred_name:	barometric pressure	base quantity unit
synonymous_name:		base unit of measure
short_name:		
preferred_letter_symbol:	p_0}	
data_element_type_class:	K15	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>
definition:	The barometric pressure of the asset.	Unit of measure in which the stock of a material is managed.
source_document_of_definition:	<own_definition>	Production Planning and Control with SAP ERP, 2013, ISBN: 9781592298686
unit_of_measure:	hPa	none
code_of_unit:	UAA527	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD142	
data_type:	REAL_MEASURE	
value_format:	NR2..4.2	X..10

  

<b>UML-Name:</b>	<b>batchId</b>	<b>batchSize</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batchId">http://www.iop.rwth-aachen.de/PPC/1/1/batchId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batchSize">http://www.iop.rwth-aachen.de/PPC/1/1/batchSize</a>
preferred_name:	batch identificator	batch size
synonymous_name:	lot identificator	lot size
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A53
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>
definition:	Unique identification of the batch.	Defines the required size or scaling factor for the batch.
source_document_of_definition:	<own_definition>	DIN EN 61512-2
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	REAL_MEASURE
value_format:	X..40	N..7

<b>UML-Name:</b>	<b>blockedStock</b>	<b>bomAlternative</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/blockedStock">http://www.iop.rwth-aachen.de/PPC/1/1/blockedStock</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bomAlternative">http://www.iop.rwth-aachen.de/PPC/1/1/bomAlternative</a>
preferred_name:	blocked stock	bill of material alternative
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a>
definition:	Quantity of stock that is not available for usage due to quality issues or inspections.	Used to identify one bill of material (BOM) within a BOM group. One product can be represented by several (alternative) BOMs if, for example, different production processes are used for different lot size ranges. These alternative BOMs are grouped in a multiple BOM.
source_document_of_definition:	<own_definition>	Production Planning and Control with SAP ERP, 2013, ISBN: 9781592298686
unit_of_measure:	1	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	INTEGER
value_format:	NR2..8.2	NR1..3
<b>UML-Name:</b>	<b>bomId</b>	<b>bomPositionId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bomId">http://www.iop.rwth-aachen.de/PPC/1/1/bomId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bomPositionId">http://www.iop.rwth-aachen.de/PPC/1/1/bomPositionId</a>
preferred_name:	bill of material identificator	bom position identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>
definition:	Unique identification of the bill of material.	Unique identification of the BOM position.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	REAL
value_format:	X..40	N..4

<b>UML-Name:</b>	<b>capacityMax</b>	<b>channelType</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/capacityMax">http://www.iop.rwth-aachen.de/PPC/1/1/capacityMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/channelType">http://www.iop.rwth-aachen.de/IM/1/1/channelType</a>
preferred_name:	maximum capacity	channel type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A58
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	The maximum number or amount of things an asset can carry.	Defines if the channel type is for hot or cold runners.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	ENUM.STRING
value_format:	NR2..8.2	X..40

<b>UML-Name:</b>	<b>chargeState</b>	<b>chemicalLetter</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/chargeState">http://www.iop.rwth-aachen.de/PPC/1/1/chargeState</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/chemicalLetter">http://www.iop.rwth-aachen.de/IM/1/1/chemicalLetter</a>
preferred_name:	charge state	chemical letter
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A59	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>
definition:	True indicates that the transport container is charged (e.g., by friction). This may handicap the planned/calculated throughput if material adheres to the asset's borders.	Definition of the exact chemical composition in the form of letters from the periodic table of the elements.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	BOOLEAN	STRING
value_format:		X

<b>UML-Name:</b>	<b>clampingForce</b>	<b>clampingForceClass</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/clampingForce">http://www.iop.rwth-aachen.de/IM/1/1/clampingForce</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/clampingForceClass">http://www.iop.rwth-aachen.de/IM/1/1/clampingForceClass</a>
preferred_name:	clamping force	clamping force class
synonymous_name:	locking force	locking force class
short_name:		
preferred_letter_symbol:	F <sub>cl</sub> }	
data_element_type_class:	K09	A52
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	The actual force applied to the mold after closing.	Group of similar injection molding machines with similar clamping forces.
source_document_of_definition:	EUROMAP 5	<own_definition>
unit_of_measure:	kN	none
code_of_unit:	UAA573	
alternative_unit_of_measure:	t	
code_of_alternative_unit:	UAA988	
code_of_list_of_units:	UAD104	
data_type:	INTEGER	INTEGER
value_format:	NR1..6	N..2

  

<b>UML-Name:</b>	<b>compactedApparentDensity</b>	<b>containerId</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/compactedApparentDensity">http://www.iop.rwth-aachen.de/IM/1/1/compactedApparentDensity</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/containerId">http://www.iop.rwth-aachen.de/PPC/1/1/containerId</a>
preferred_name:	compacted apparent density	transport container identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:	$\rho_{\text{apparent,comp}}$ }	
data_element_type_class:	C11	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a>
definition:	Quotient of the non-free-flowing, i.e., long-fibered or shredded mass and the volume occupied by the molding mass compacted in a certain way.	Unique identification of the transport container.
source_document_of_definition:	DIN 53466	<own_definition>
unit_of_measure:	g/cm <sup>3</sup>	none
code_of_unit:	UAA469	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD106	
data_type:	REAL	STRING
value_format:	NR2	X..40

<b>UML-Name:</b>	<b>conveyorId</b>	<b>convType</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyorId">http://www.iop.rwth-aachen.de/PPC/1/1/conveyorId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/convType">http://www.iop.rwth-aachen.de/PPC/1/1/convType</a>
preferred_name:	conveyor identificator	conveyor type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A54
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>
definition:	Unique identification of the conveyor.	Type of conveyor.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	ENUM.STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>coolant</b>	<b>currentFlowRate</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/coolant">http://www.iop.rwth-aachen.de/IM/1/1/coolant</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/currentFlowRate">http://www.iop.rwth-aachen.de/IM/1/1/currentFlowRate</a>
preferred_name:	coolant	current flow rate
synonymous_name:	temperature medium	actual flow rate
short_name:		
preferred_letter_symbol:		q_act}
data_element_type_class:	A55	K30
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	Type of medium the asset operates with.	Current flow rate, defines the actual flow rate of the temperature control device.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	l/min
code_of_unit:		UAA659
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD239
data_type:	STRING	REAL_MEASURE
value_format:	X..40	NR2

<b>UML-Name:</b>	<b>currentLoad</b>	<b>customerId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/currentLoad">http://www.iop.rwth-aachen.de/PPC/1/1/currentLoad</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/customerId">http://www.iop.rwth-aachen.de/PPC/1/1/customerId</a>
preferred_name:	current load	customer identifier
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
definition:	The current number or amount of things an asset carries.	Unique identification of the customer.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL_MEASURE	STRING
value_format:	NR2..8.2	X..40

<b>UML-Name:</b>	<b>desiredDeliveryDate</b>	<b>desiredDueDate</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/desiredDeliveryDate">http://www.iop.rwth-aachen.de/PPC/1/1/desiredDeliveryDate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/desiredDueDate">http://www.iop.rwth-aachen.de/PPC/1/1/desiredDueDate</a>
preferred_name:	desired delivery date	desired due date
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
definition:	Date when the subject of the order or purchase order is to be available at the place of destination.	The date when the customer the product desires for use.
source_document_of_definition:	VDI 2815 Part 4	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	DATE_TIME	DATE_TIME
value_format:	X 10	X 10

<b>UML-Name:</b>	<b>destination</b>	<b>deviceId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/destination">http://www.iop.rwth-aachen.de/PPC/1/1/destination</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/deviceId">http://www.iop.rwth-aachen.de/PPC/1/1/deviceId</a>
preferred_name:	destination	handling device identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A11	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>
definition:	The destination the customer declared where the article(s) should be delivered to.	Unique identification of the handling device.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>deviceType</b>	<b>dryCycleTime</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/deviceType">http://www.iop.rwth-aachen.de/PPC/1/1/deviceType</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryCycleTime">http://www.iop.rwth-aachen.de/IM/1/1/dryCycleTime</a>
preferred_name:	device type	dry cycle time
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_drycycle}
data_element_type_class:	A55	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Classification of the type the handling device can be assigned.	Measure of the basic speed of the machine. It includes all cycle operations except plasticizing, mold filling, and cooling of the molded part.
source_document_of_definition:	<own_definition>	DIN 24450
unit_of_measure:	none	s
code_of_unit:		UAA972
alternative_unit_of_measure:		min
code_of_alternative_unit:		UAA842
code_of_list_of_units:		UAD197
data_type:	ENUM_STRING	REAL
value_format:	X..40	NR2..5



<b>UML-Name:</b>	<b>dryerId</b>	<b>dryingTemperature</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryerId">http://www.iop.rwth-aachen.de/IM/1/1/dryerId</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryingTemperature">http://www.iop.rwth-aachen.de/IM/1/1/dryingTemperature</a>
preferred_name:	dryer identifier	drying temperature
synonymous_name:		
short_name:		
preferred_letter_symbol:		$\vartheta_{\text{drying}}$
data_element_type_class:	A62	H02
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>
definition:	Unique identification of the dryer.	The current drying temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	°C
code_of_unit:		UAA033
alternative_unit_of_measure:		K
code_of_alternative_unit:		UAA185
code_of_list_of_units:		UAD023
data_type:	STRING	REAL_MEASURE
value_format:	X..40	NR2..3

  

<b>UML-Name:</b>	<b>dryingTemperatureMax</b>	<b>dryingTime</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryingTemperatureMax">http://www.iop.rwth-aachen.de/IM/1/1/dryingTemperatureMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryingTime">http://www.iop.rwth-aachen.de/IM/1/1/dryingTime</a>
preferred_name:	maximum drying temperature	drying time
synonymous_name:		
short_name:		
preferred_letter_symbol:	$\vartheta_{\text{drying,max}}$	$t_{\text{dry}}$
data_element_type_class:	H02	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>
definition:	The maximum temperature of a plastic granulate is allowed for the drying process to avoid material damage.	The average drying time to be considered a plastics granulate needs to reach the planned drying level.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	°C	min
code_of_unit:	UAA033	UAA842
alternative_unit_of_measure:	K	
code_of_alternative_unit:	UAA185	
code_of_list_of_units:	UAD023	UAD197
data_type:	REAL	REAL
value_format:	NR2..3	NR2..4

<b>UML-Name:</b>	<b>dryingType</b>	<b>ejectorForce</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryingType">http://www.iop.rwth-aachen.de/IM/1/1/dryingType</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/ejectorForce">http://www.iop.rwth-aachen.de/IM/1/1/ejectorForce</a>
preferred_name:	drying type	ejector force
synonymous_name:		
short_name:		
preferred_letter_symbol:		F_eject}
data_element_type_class:	A55	K09
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>
definition:	Type of dryer.	The force that can be applied to the ejector.
source_document_of_definition:	<own_definition>	DIN 24450
unit_of_measure:	none	kN
code_of_unit:		UAA573
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD054
data_type:	STRING	REAL
value_format:	X..40	NR2

  

<b>UML-Name:</b>	<b>ejectorStroke</b>	<b>endTime</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/ejectorStroke">http://www.iop.rwth-aachen.de/IM/1/1/ejectorStroke</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/endTime">http://www.iop.rwth-aachen.de/PPC/1/1/endTime</a>
preferred_name:	ejector stroke	end time
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_ejector}	
data_element_type_class:	T03	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	Distance of the ejectors in the mold during demolding.	End time of the shift.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	mm	none
code_of_unit:	UAA862	
alternative_unit_of_measure:	cm	
code_of_alternative_unit:	UAA375	
code_of_list_of_units:	UAD072	
data_type:	REAL	TIME
value_format:	NR2	X 5

<b>UML-Name:</b>	<b>entryType</b>	<b>feedHopperTemperature</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/entryType">http://www.iop.rwth-aachen.de/PPC/1/1/entryType</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/feedHopperTemperature">http://www.iop.rwth-aachen.de/IM/1/1/feedHopperTemperature</a>
preferred_name:	entry type	feed hopper temperature
synonymous_name:	shift type	
short_name:		
preferred_letter_symbol:		$\vartheta_{\text{feeder}}$
data_element_type_class:	A62	H02
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Defines the type of work calendar definition entry.	The current temperature in the feed hopper.
source_document_of_definition:	IEC 62264-4	<own_definition>
unit_of_measure:	none	°C
code_of_unit:		UAA033
alternative_unit_of_measure:		K
code_of_alternative_unit:		UAA185
code_of_list_of_units:		UAD023
data_type:	ENUM.STRING	REAL
value_format:	X..40	NR2

  

<b>UML-Name:</b>	<b>feedVolume</b>	<b>freeFlowingProperty</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/feedVolume">http://www.iop.rwth-aachen.de/IM/1/1/feedVolume</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/freeFlowingProperty">http://www.iop.rwth-aachen.de/IM/1/1/freeFlowingProperty</a>
preferred_name:	feed volume	free flowing property
synonymous_name:		
short_name:		
preferred_letter_symbol:	V_feed}	
data_element_type_class:	T06	A58
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>
definition:	The volume of the feeder.	True, if the material can flow constantly out of a device (e.g., hopper). The methodology to determine the free-flowing property of a plastic granulate is specified in DIN 53492.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	cm <sup>3</sup>	none
code_of_unit:	UAA385	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD238	
data_type:	REAL	STRING
value_format:	NR2	X..40

<b>UML-Name:</b>	<b>givenName</b>	<b>grossCapacity</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/givenName">http://www.iop.rwth-aachen.de/PPC/1/1/givenName</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/grossCapacity">http://www.iop.rwth-aachen.de/PPC/1/1/grossCapacity</a>
preferred_name:	given name	gross capacity
synonymous_name:	first name	
short_name:		
preferred_letter_symbol:		t_capacity,gross}
data_element_type_class:	A62	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	The name of the individual.	The capacity of human or technical assets for a defined area within a certain period of time or time interval.
source_document_of_definition:	IEC 62264-2	VDI 2815 Part 6
unit_of_measure:	none	h
code_of_unit:		UAA525
alternative_unit_of_measure:		min
code_of_alternative_unit:		UAA842
code_of_list_of_units:		UAD197
data_type:	STRING	REAL
value_format:	X..40	NR2..2.2

  

<b>UML-Name:</b>	<b>grossStock</b>	<b>heatingPower</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/grossStock">http://www.iop.rwth-aachen.de/PPC/1/1/grossStock</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/heatingPower">http://www.iop.rwth-aachen.de/IM/1/1/heatingPower</a>
preferred_name:	gross stock	heating power
synonymous_name:		
short_name:		
preferred_letter_symbol:		p_heating}
data_element_type_class:	A71	K27
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>
definition:	Overall stock that includes all types of stock (reserved, purchased, blocked, safety, available).	The power that is necessary to reach the planned temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	kW
code_of_unit:		UAA583
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD003
data_type:	REAL	REAL
value_format:	NR2..8.2	NR2

<b>UML-Name:</b>	<b>holdingPressure</b>	<b>hourlyRate</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/holdingPressure">http://www.iop.rwth-aachen.de/IM/1/1/holdingPressure</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/hourlyRate">http://www.iop.rwth-aachen.de/PPC/1/1/hourlyRate</a>
preferred_name:	holding pressure	hourly rate
synonymous_name:	clamping pressure	
short_name:		
preferred_letter_symbol:	p_h}	
data_element_type_class:	K15	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
definition:	Melt pressure(s) which is/are applied during holding time(s) calculated by dividing the max. theoretical holding force(s) by the screw/piston section area.	Costs incurred by an asset in one hour.
source_document_of_definition:	EUROMAP 5	<own_definition>
unit_of_measure:	bar	€
code_of_unit:	UAA323	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD142	
data_type:	REAL	REAL_CURRENCY
value_format:	NR2	NR2 2.2

  

<b>UML-Name:</b>	<b>humidity</b>	<b>injectionFlowRateMax</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/humidity">http://www.iop.rwth-aachen.de/PPC/1/1/humidity</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionFlowRateMax">http://www.iop.rwth-aachen.de/IM/1/1/injectionFlowRateMax</a>
preferred_name:	humidity	maximum injection flow rate
synonymous_name:		
short_name:		
preferred_letter_symbol:	f_humidity}	q_injflow,max}
data_element_type_class:	R81	K30
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	The current humidity of the asset.	Maximum possible flow rate of the injected melt.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	%	cm <sup>3</sup> /s
code_of_unit:	UAA000	UAA469
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD154	UAD106
data_type:	REAL_MEASURE	REAL
value_format:	NR2..3.2	NR2..3

<b>UML-Name:</b>	<b>injectionPowerMax</b>	<b>injectionPressureMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionPowerMax">http://www.iop.rwth-aachen.de/IM/1/1/injectionPowerMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionPressureMax">http://www.iop.rwth-aachen.de/IM/1/1/injectionPressureMax</a>
preferred_name:	maximum injection power	maximum injection pressure
synonymous_name:		maximum filling pressure
short_name:		
preferred_letter_symbol:	P_inj,max}	p_injpressure,max}
data_element_type_class:	K15	K15
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Power is available for injecting the melt from the injection cylinder into the mold.	Maximum melt pressure during filling time calculated by dividing the max theoretical injection force by the screw/piston section area.
source_document_of_definition:	DIN 24450	EUROMAP 5
unit_of_measure:	kW	bar
code_of_unit:	UAA583	UAA323
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD003	UAD142
data_type:	REAL	REAL
value_format:	NR2	NR1..5

  

<b>UML-Name:</b>	<b>injectionSpeedMax</b>	<b>inquiryId</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionSpeedMax">http://www.iop.rwth-aachen.de/IM/1/1/injectionSpeedMax</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inquiryId">http://www.iop.rwth-aachen.de/PPC/1/1/inquiryId</a>
preferred_name:	maximum injection speed	inquiry identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:	v_injspeed,max}	
data_element_type_class:	T10	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inquiry">http://www.iop.rwth-aachen.de/PPC/1/1/inquiry</a>
definition:	Maximum speed at which the raw material can be injected.	Unique identification of the inquiry.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	mm/s	none
code_of_unit:	UAA867	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD236	
data_type:	REAL	STRING
value_format:	NR2..3	X..40

UML-Name:	internalDestination	isCoProduct
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/internalDestination	http://www.iop.rwth-aachen.de/PPC/1/1/isCoProduct
preferred_name:	internal destination	is co-product of
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A12	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/part
applicable_classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder http://www.iop.rwth-aachen.de/PPC/1/1/routing http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/part
definition:	The destination inside the enterprise/plant where the finished production order should be delivered to.	A product that is usually manufactured together or sequentially because of product or process similarities. The product has a value and is produced as a residual of or incidental to the production process. The ratio of co-product to primary product is usually predictable. By-products may be recycled, sold as-is, or used for other purposes.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	BOOLEAN
value_format:	X..40	B 1

<b>UML-Name:</b>	<b>isRecyclate</b>	<b>isStackable</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/isRecyclate">http://www.iop.rwth-aachen.de/IM/1/1/isRecyclate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/stagingType">http://www.iop.rwth-aachen.de/PPC/1/1/stagingType</a>
preferred_name:	is recyclate	is stackable
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A57	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
definition:	True, if the material is a recyclate.	True, if the material or transport containers are stackable or allowed to stack.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	BOOLEAN	BOOLEAN
value_format:	B 1	X..3

  

<b>UML-Name:</b>	<b>leadTime</b>	<b>location</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/leadTime">http://www.iop.rwth-aachen.de/PPC/1/1/leadTime</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/location">http://www.iop.rwth-aachen.de/PPC/1/1/location</a>
preferred_name:	lead time	location
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_lead}	
data_element_type_class:	T07	A12
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
definition:	The time required for preparing the process step of a plant part.	The current location/place of action where a person proceeds an operation or fulfills a task.
source_document_of_definition:	VDI 5600 Part 3	<own_definition>
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:	h	
code_of_alternative_unit:	UAA525	
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..4	X..40



<b>UML-Name:</b>	<b>locationName</b>	<b>machineCycleCounter</b>
Domain:	PPC	IM
code:	http://www.iop.rwth-aachen.de/PPC/1/1/locationName	http://www.iop.rwth-aachen.de/IM/1/1/machineCycleCounter
preferred_name:	location	machine cycle counter
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A59
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset
applicable_classes:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine
definition:	Name of the actual physical location of the physical asset.	The MachineCycleCounter Variable represents the number of finished cycles in the machine lifetime.
source_document_of_definition:	IEC 62264-2	EUROMAP 83
unit_of_measure:	none	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	INT_MEASURE
value_format:	X..40	NR1..9
<b>UML-Name:</b>	<b>machineId</b>	<b>machineSkill</b>
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/IM/1/1/machineId	http://www.iop.rwth-aachen.de/PPC/1/1/machineSkill
preferred_name:	injection molding machine identificator	machine skill
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A91
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
applicable_classes:	http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
definition:	Unique identification of the injection molding machine.	The qualification regarding which machines or type of machines a person can handle.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..40	X..40

<b>UML-Name:</b>	<b>manufacturer</b>	<b>materialType</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/manufacturer">http://www.iop.rwth-aachen.de/PPC/1/1/manufacturer</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialType">http://www.iop.rwth-aachen.de/PPC/1/1/materialType</a>
preferred_name:	manufacturer	material type
synonymous_name:	producer	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A57
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>
definition:	An identification of the manufacturer.	The type of material specifies the physical or chemical super class the material can be assigned to.
source_document_of_definition:	IEC 62264-2	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	ENUM.STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>moldDepth</b>	<b>moldHeight</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldDepth">http://www.iop.rwth-aachen.de/IM/1/1/moldDepth</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldHeight">http://www.iop.rwth-aachen.de/IM/1/1/moldHeight</a>
preferred_name:	mold depth	mold height
synonymous_name:	die depth	die height
short_name:		
preferred_letter_symbol:	d_mold}	h_mold}
data_element_type_class:	T03	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>
definition:	The dimension of the mold that is orthogonal to the adapter plate. Corresponds with the mold space of the injection molding machine.	The dimension of the mold that corresponds with the height of the adapter plate of the injection molding machine.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	mm	mm
code_of_unit:	UAA862	UAA862
alternative_unit_of_measure:	cm	cm
code_of_alternative_unit:	UAA375	UAA375
code_of_list_of_units:	UAD072	UAD072
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4

<b>UML-Name:</b>	<b>moldId</b>	<b>moldInsertDepth</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldId">http://www.iop.rwth-aachen.de/IM/1/1/moldId</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsertDepth">http://www.iop.rwth-aachen.de/IM/1/1/moldInsertDepth</a>
preferred_name:	mold identificator	mold insert depth
synonymous_name:		die insert depth
short_name:		
preferred_letter_symbol:		d_moldinsert}
data_element_type_class:	A62	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>
definition:	Unique identification of the mold.	The dimension of the mold's insert depth aligns with the mold's depth.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	mm
code_of_unit:		UAA862
alternative_unit_of_measure:		cm
code_of_alternative_unit:		UAA375
code_of_list_of_units:		UAD072
data_type:	STRING	REAL
value_format:	X..40	NR2..4

  

<b>UML-Name:</b>	<b>moldInsertHeight</b>	<b>moldInsertId</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsertHeight">http://www.iop.rwth-aachen.de/IM/1/1/moldInsertHeight</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsertId">http://www.iop.rwth-aachen.de/IM/1/1/moldInsertId</a>
preferred_name:	mold insert height	mold insert identificator
synonymous_name:	die insert height	
short_name:		
preferred_letter_symbol:	h_moldinsert}	
data_element_type_class:	T03	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>
definition:	The dimension of the mold's insert height aligns with the mold's height.	Unique identification of the mold insert.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	mm	none
code_of_unit:	UAA862	
alternative_unit_of_measure:	cm	
code_of_alternative_unit:	UAA375	
code_of_list_of_units:	UAD072	
data_type:	REAL	STRING
value_format:	NR2..4	X..40

<b>UML-Name:</b>	<b>moldInsertWidth</b>	<b>moldSpaceMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsertWidth">http://www.iop.rwth-aachen.de/IM/1/1/moldInsertWidth</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMax">http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMax</a>
preferred_name:	mold insert width	maximum mold space
synonymous_name:	die insert width	
short_name:		
preferred_letter_symbol:	w_moldinsert}	d_moldspace,max}
data_element_type_class:	T03	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	The dimension of the mold's insert width aligns with the mold's width.	Design-related maximum distance of the mold fixing platens in the closed position, i.e., when opening stroke equals zero.
source_document_of_definition:	<own_definition>	DIN 24450
unit_of_measure:	mm	mm
code_of_unit:	UAA862	UAA862
alternative_unit_of_measure:	cm	cm
code_of_alternative_unit:	UAA375	UAA375
code_of_list_of_units:	UAD072	UAD072
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4
<b>UML-Name:</b>	<b>moldSpaceMin</b>	<b>moldWidth</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMin">http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMin</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/moldWidth">http://www.iop.rwth-aachen.de/IM/1/1/moldWidth</a>
preferred_name:	minimum mold space	mold width
synonymous_name:		die width
short_name:		
preferred_letter_symbol:	d_moldspace,min}	w_mold}
data_element_type_class:	T03	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>
definition:	Design-related minimum distance of the mold fixing platens in the closed position.	The dimension of the mold that corresponds with the width of the adapter plate of the injection molding machine.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	mm	mm
code_of_unit:	UAA862	UAA862
alternative_unit_of_measure:	cm	cm
code_of_alternative_unit:	UAA375	UAA375
code_of_list_of_units:	UAD072	UAD072
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4

UML-Name:	MTTF	MTTR
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/MTTF">http://www.iop.rwth-aachen.de/PPC/1/1/MTTF</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/MTTR">http://www.iop.rwth-aachen.de/PPC/1/1/MTTR</a>
preferred_name:	mean time to failure	mean time to repair
synonymous_name:		
short_name:	@MTTF	@MTTR
preferred_letter_symbol:	t_MTTF}	t_MTTR}
data_element_type_class:	T07	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
definition:	The mean time to failure is calculated as the mean of all time to failure measures (TTF) for a work unit for all failure instances (FE).	Mean time to repair (MTTR) is the average time an item required to restore a failed component in a work unit. The mean time to repair is calculated as the mean of all time to repair measures (TTR) for a work unit for all failure events (FE).
source_document_of_definition:	ISO 22400-2	ISO 22400-2
unit_of_measure:	h	h
code_of_unit:	UAA525	UAA525
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD197	UAD197
data_type:	INTEGER	INTEGER
value_format:	NR1..5	NR1..4

UML-Name:	name	netWeight
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/name">http://www.iop.rwth-aachen.de/PPC/1/1/name</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/netWeight">http://www.iop.rwth-aachen.de/PPC/1/1/netWeight</a>
preferred_name:	name	netto weight
synonymous_name:		
short_name:	@NAME	
preferred_letter_symbol:		m_net}
data_element_type_class:	A62	K01
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a>
definition:	Name of the asset.	Netto weight of the part or the asset. The netto weight is the weight without the parts package, wrapping etc., or the assets load.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	kg
code_of_unit:		UAD720
alternative_unit_of_measure:		g
code_of_alternative_unit:		UAA465
code_of_list_of_units:		UAD104
data_type:	STRING	REAL
value_format:	X..40	NR2..5

<b>UML-Name:</b>	<b>nominalFlowRate</b>	<b>numberOfCavities</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/nominalFlowRate">http://www.iop.rwth-aachen.de/IM/1/1/nominalFlowRate</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/numberOfCavities">http://www.iop.rwth-aachen.de/IM/1/1/numberOfCavities</a>
preferred_name:	nominal flow rate	number of cavities
synonymous_name:	max flow rate	
short_name:		
preferred_letter_symbol:	q_nom}	
data_element_type_class:	K30	A56
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>
definition:	Nominal flow rate, defines the maximum achievable flow rate of the temperature control device.	Number of the cavities that are ready for operation, subsequently the number of parts that can be produced within a single cycle.
source_document_of_definition:	EUROMAP 82.1	<own_definition>
unit_of_measure:	l/min	1
code_of_unit:	UAA659	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD239	
data_type:	REAL	INTEGER
value_format:	NR2	NR1..3

<b>UML-Name:</b>	<b>numberOfClosedLoops</b>	<b>numberOfSensorHoles</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/numberOfClosedLoops">http://www.iop.rwth-aachen.de/IM/1/1/numberOfClosedLoops</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/numberOfSensorHoles">http://www.iop.rwth-aachen.de/IM/1/1/numberOfSensorHoles</a>
preferred_name:	number of closed loops	number of sensor holes
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A56	A56
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>
definition:	Number of closed loops within the mold.	Number of holes where sensors can be mounted, e.g., for monitoring the cavity pressure or temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	INTEGER	INTEGER
value_format:	NR1..3	NR1..3

<b>UML-Name:</b>	<b>openingStroke</b>	<b>operationId</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/openingStroke">http://www.iop.rwth-aachen.de/IM/1/1/openingStroke</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operationId">http://www.iop.rwth-aachen.de/PPC/1/1/operationId</a>
preferred_name:	opening stroke	operation identifier
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_opening}	
data_element_type_class:	T03	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	Distance by which the mold fixing platens move away from each other for demolding at maximum mold parting line speed.	Unique identification of the operation.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	mm	none
code_of_unit:	UAA862	
alternative_unit_of_measure:	cm	
code_of_alternative_unit:	UAA375	
code_of_list_of_units:	UAD072	
data_type:	REAL	STRING
value_format:	NR2..4	X..40

  

<b>UML-Name:</b>	<b>operationSkill</b>	<b>operationTime</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operationSkill">http://www.iop.rwth-aachen.de/PPC/1/1/operationSkill</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operationTime">http://www.iop.rwth-aachen.de/PPC/1/1/operationTime</a>
preferred_name:	operation skill	operation time
synonymous_name:		cycle time
short_name:		
preferred_letter_symbol:		t_o}
data_element_type_class:	A91	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification">http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification">http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	The qualification regarding which operations or type of operations a person can handle.	The time required for a cycle after the machine, resource, work center, process, or line is set up and ready for production.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	min
code_of_unit:		UAA842
alternative_unit_of_measure:		h
code_of_alternative_unit:		UAA525
code_of_list_of_units:		UAD197
data_type:	STRING	REAL
value_format:	X..40	NR2..4.2



<b>UML-Name:</b>	<b>overallEquipmentEfficiency</b>	<b>particleShape</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/overallEquipmentEfficiency">http://www.iop.rwth-aachen.de/PPC/1/1/overallEquipmentEfficiency</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/particleShape">http://www.iop.rwth-aachen.de/IM/1/1/particleShape</a>
preferred_name:	overall equipment efficiency	particle shape
synonymous_name:		
short_name:	@OEE	
preferred_letter_symbol:	$\eta$ -OEE}	
data_element_type_class:	R81	A58
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>
definition:	The OEE index represents the availability of a work unit, the effectiveness of the work unit, and the quality ratio KPIs integrated in a single indicator.	General form of the plastic granulate's single particle.
source_document_of_definition:	ISO 22400-2	<own_definition>
unit_of_measure:	%	none
code_of_unit:	UAA000	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD154	
data_type:	REAL_MEASURE	ENUM_STRING
value_format:	NR2..3.2	X..40

  

<b>UML-Name:</b>	<b>particleSize</b>	<b>particleSizeDistribution</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/particleSize">http://www.iop.rwth-aachen.de/IM/1/1/particleSize</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/particleSizeDistribution">http://www.iop.rwth-aachen.de/IM/1/1/particleSizeDistribution</a>
preferred_name:	particle size	particle size distribution
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_particle}	d_particledist}
data_element_type_class:	T03	T03
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>
definition:	Average size of the plastic granulate's single particle.	The distribution of all plastics granulate's single particles regarding its size within a defined system or setting.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	$\mu$ m	$\mu$ m
code_of_unit:	UAA090	UAA090
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD072	UAD072
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2	NR2

<b>UML-Name:</b>	<b>partId</b>	<b>pauseTime</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/partId">http://www.iop.rwth-aachen.de/PPC/1/1/partId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/pauseTime">http://www.iop.rwth-aachen.de/PPC/1/1/pauseTime</a>
preferred_name:	part identificator	pause time
synonymous_name:	material identificator	
short_name:	@MAT	
preferred_letter_symbol:		
data_element_type_class:	A62	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	Unique identification of the part.	Pause time(s) within the shift.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	REAL
value_format:	X..40	N..3

  

<b>UML-Name:</b>	<b>personalTime</b>	<b>personId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personalTime">http://www.iop.rwth-aachen.de/PPC/1/1/personalTime</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personId">http://www.iop.rwth-aachen.de/PPC/1/1/personId</a>
preferred_name:	personal time	personal identificator
synonymous_name:		employee identificator
short_name:		
preferred_letter_symbol:	t_personal}	
data_element_type_class:	T07	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
definition:	The time required for a worker to perform an operation or is occupied with an operation.	Unique identification of a specific person.
source_document_of_definition:	<own_definition>	IEC 62264-2
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:	h	
code_of_alternative_unit:	UAA525	
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..4.2	X..40

<b>UML-Name:</b>	<b>personStatus</b>	<b>plannedCosts</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/personStatus">http://www.iop.rwth-aachen.de/PPC/1/1/personStatus</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedCosts">http://www.iop.rwth-aachen.de/PPC/1/1/plannedCosts</a>
preferred_name:	person status	planned costs
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
definition:	The current condition, process (step), etc., of an asset/entity.	Planned costs for a production order.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	€
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM_STRING	REAL_CURRENCY
value_format:	X..40	NR2 2.2

  

<b>UML-Name:</b>	<b>plannedDryingLevel</b>	<b>plannedDueDate</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plannedDryingLevel">http://www.iop.rwth-aachen.de/IM/1/1/plannedDryingLevel</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedDueDate">http://www.iop.rwth-aachen.de/PPC/1/1/plannedDueDate</a>
preferred_name:	planned drying level	planned due date
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	K29	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder">http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder</a>
definition:	The planned drying level of a plastic granulate is the opposite of the moisture level.	The date when purchased material or production material is planned to be available for use.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	mg/l	none
code_of_unit:	UAA827	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD106	
data_type:	REAL	DATE_TIME
value_format:	NR2	X 10

UML-Name:	plannedDuration	plannedEndDate
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedDuration">http://www.iop.rwth-aachen.de/PPC/1/1/plannedDuration</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedEndDate">http://www.iop.rwth-aachen.de/PPC/1/1/plannedEndDate</a>
preferred_name:	planned duration	planned end date
synonymous_name:		scheduled finished date
short_name:		
preferred_letter_symbol:	t_plan}	
data_element_type_class:	T07	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	The difference between the planned start date and the planned end date.	An activity's planned finish time is normally between the early finish time and the late finish time. It may reflect resource limitations.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:	h	
code_of_alternative_unit:	UAA525	
code_of_list_of_units:	UAD197	
data_type:	REAL	DATE_TIME
value_format:	NR2..6.2	X 10

<b>UML-Name:</b>	<b>plannedQuantity</b>	<b>plannedStartDate</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedQuantity">http://www.iop.rwth-aachen.de/PPC/1/1/plannedQuantity</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plannedStartDate">http://www.iop.rwth-aachen.de/PPC/1/1/plannedStartDate</a>
preferred_name:	planned quantity	planned start date
synonymous_name:	amount	scheduled start date
short_name:	@QTY	
preferred_letter_symbol:		
data_element_type_class:	A71	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.	An activity's planned start time is normally between the early start time and the late start time. It may reflect resource limitations.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	DATE_TIME
value_format:	NR2..8.2	X 10

  

<b>UML-Name:</b>	<b>plannedTemperature</b>	<b>plasticatingCapacityMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plannedTemperature">http://www.iop.rwth-aachen.de/IM/1/1/plannedTemperature</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticatingCapacityMax">http://www.iop.rwth-aachen.de/IM/1/1/plasticatingCapacityMax</a>
preferred_name:	planned temperature	maximum plasticating capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:	∅_planned}	q_plastcapacity,max}
data_element_type_class:	H02	K29
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Setting and/or monitoring of the temperature in the main or return line.	The plasticizing capacity is the amount of plastic that can be melted and homogenized with heat in the barrel per time.
source_document_of_definition:	EUROMAP 82.1	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972
unit_of_measure:	°C	g/s
code_of_unit:	UAA033	UAA497
alternative_unit_of_measure:	K	kg/h
code_of_alternative_unit:	UAA185	UAA607
code_of_list_of_units:	UAD023	UAD107
data_type:	REAL	REAL
value_format:	NR2..3	NR2

<b>UML-Name:</b>	<b>poStatus</b>	<b>ppcOptModelId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/poStatus">http://www.iop.rwth-aachen.de/PPC/1/1/poStatus</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/ppcOptModelId">http://www.iop.rwth-aachen.de/PPC/1/1/ppcOptModelId</a>
preferred_name:	status	optimization model identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel">http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel">http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel</a>
definition:	The current condition, process (step), etc., of an asset/entity.	Unique identification of the optimization model.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM.STRING	STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>preHeatingDuration</b>	<b>pressurePortType</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/preHeatingDuration">http://www.iop.rwth-aachen.de/IM/1/1/preHeatingDuration</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/pressurePortType">http://www.iop.rwth-aachen.de/IM/1/1/pressurePortType</a>
preferred_name:	pre-heating duration	pressure port type
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_preheat}	
data_element_type_class:	T07	A58
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>
definition:	The time the asset needs to reach the planned temperature.	Type of port to connect a pressure unit.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..4	X..40

<b>UML-Name:</b>	<b>priority</b>	<b>productionOrderId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/priority">http://www.iop.rwth-aachen.de/PPC/1/1/priority</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrderId">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrderId</a>
preferred_name:	priority	production order identificator
synonymous_name:		job order identificator
short_name:	@PRIO	
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
definition:	In a general sense, the relative importance of orders (i.e., the sequence in which orders should be worked on).	Unique identification of the production order.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	IEC 62264-4
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM.STRING	STRING
value_format:	X..40	X

  

<b>UML-Name:</b>	<b>pumpPowerMax</b>	<b>pumpPressureMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/pumpPowerMax">http://www.iop.rwth-aachen.de/IM/1/1/pumpPowerMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/pumpPressureMax">http://www.iop.rwth-aachen.de/IM/1/1/pumpPressureMax</a>
preferred_name:	pump power	maximum pump pressure
synonymous_name:		
short_name:		
preferred_letter_symbol:	P_pump,max}	P_pump,max}
data_element_type_class:	K27	K15
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	Maximum power of the temperature control unit's pump.	Maximal pressure of the pump.
source_document_of_definition:	<own.definition>	<own.definition>
unit_of_measure:	kW	bar
code_of_unit:	UAA583	UAA323
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD003	UAD142
data_type:	REAL	REAL
value_format:	NR2	NR2

<b>UML-Name:</b>	<b>purchasedStock</b>	<b>purchaseOrderId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchasedStock">http://www.iop.rwth-aachen.de/PPC/1/1/purchasedStock</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrderId">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrderId</a>
preferred_name:	purchased stock	purchase order identifier
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a>
definition:	Purchased quantity that actually is not on physical stock but will arrive soon.	Unique identification of the purchase order.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	STRING
value_format:	NR2..8.2	X..40

<b>UML-Name:</b>	<b>quantity</b>	<b>recurrenceRule</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/quantity">http://www.iop.rwth-aachen.de/PPC/1/1/quantity</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/recurrenceRule">http://www.iop.rwth-aachen.de/PPC/1/1/recurrenceRule</a>
preferred_name:	quantity	recurrence rule
synonymous_name:	amount	
short_name:	@QTY	
preferred_letter_symbol:		
data_element_type_class:	A71	A91
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder">http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.	Defines the pattern for repeating the shift calendar.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	STRING
value_format:	NR2..8.2	X



<b>UML-Name:</b>	<b>rejectionRate</b>	<b>replenishmentTime</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rejectionRate">http://www.iop.rwth-aachen.de/PPC/1/1/rejectionRate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/replenishmentTime">http://www.iop.rwth-aachen.de/PPC/1/1/replenishmentTime</a>
preferred_name:	rejection rate	replenishment lead time
synonymous_name:	scrap rate	
short_name:		
preferred_letter_symbol:	RR	t_replenish}
data_element_type_class:	R81	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
definition:	A factor that expresses the quantity of a particular component that is expected to be scrapped upon receipt from a vendor, completion of production, or while that component is being built into a given assembly.	The total period of time that elapses from the moment it is determined that a product should be reordered (intern from stock or extern from supplier) until the product is back on the shelf available for use.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	%	d
code_of_unit:	UAA000	UAA407
alternative_unit_of_measure:		h
code_of_alternative_unit:		UAA525
code_of_list_of_units:	UAD154	UAD197
data_type:	REAL_MEASURE	REAL
value_format:	NR2..3.2	NR2..4
<b>UML-Name:</b>	<b>reqQualificationLevel</b>	<b>reservedStock</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/reqQualificationLevel">http://www.iop.rwth-aachen.de/PPC/1/1/reqQualificationLevel</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/reservedStock">http://www.iop.rwth-aachen.de/PPC/1/1/reservedStock</a>
preferred_name:	required qualification level	reserved stock
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	A71
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>
definition:	The level of qualification in the form of specific knowledge of a worker is needed to perform a process or operation.	The quantity that may only be used to cover a specific requirement from a given production order.
source_document_of_definition:	<own_definition>	VDI 2815 Part 4
unit_of_measure:	none	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	REAL
value_format:	X..40	NR2..8.2

<b>UML-Name:</b>	<b>residenceTime</b>	<b>resinForm</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/residenceTime">http://www.iop.rwth-aachen.de/IM/1/1/residenceTime</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/resinForm">http://www.iop.rwth-aachen.de/IM/1/1/resinForm</a>
preferred_name:	residence time	resin form
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_resedence}	
data_element_type_class:	T07	A57
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>
definition:	The duration the material is stored until it is (pre-)processed.	The form of the resin.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	d	none
code_of_unit:	UAA407	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD197	
data_type:	REAL_MEASURE	ENUM_STRING
value_format:	NR2..4	X..40

  

<b>UML-Name:</b>	<b>resourceUsage</b>	<b>role</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/resourceUsage">http://www.iop.rwth-aachen.de/PPC/1/1/resourceUsage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/role">http://www.iop.rwth-aachen.de/PPC/1/1/role</a>
preferred_name:	resource usage	role
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A55	A41
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
definition:	Defines the use of operating resources for this batch plan entry.	Describes the function of a person within the company.
source_document_of_definition:	DIN EN 61512-2	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM_STRING	STRING
value_format:	X..40	X..40

UML-Name:	routingAlternative	routingId
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/routingAlternative	http://www.iop.rwth-aachen.de/PPC/1/1/routingId
preferred_name:	alternate routing	routing identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/routing	http://www.iop.rwth-aachen.de/PPC/1/1/routing
applicable_classes:	http://www.iop.rwth-aachen.de/PPC/1/1/routing	http://www.iop.rwth-aachen.de/PPC/1/1/routing
definition:	A routing that is usually less preferred than the primary routing but results in an identical item. Alternate routings may be maintained on the computer or offline via manual methods, but the computer software must be able to accept alternate routings for specific jobs.	Unique identification of the routing.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	INTEGER	STRING
value_format:	NR1..3	X..40

<b>UML-Name:</b>	<b>safetyStock</b>	<b>safetyTime</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/safetyStock">http://www.iop.rwth-aachen.de/PPC/1/1/safetyStock</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/safetyTime">http://www.iop.rwth-aachen.de/PPC/1/1/safetyTime</a>
preferred_name:	safety stock	safety time
synonymous_name:	buffer stock	safety lead time
short_name:		
preferred_letter_symbol:		t_safety}
data_element_type_class:	A71	T07
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData">http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>
definition:	1) In general, a quantity of stock is planned to be in inventory to protect against fluctuations in demand or supply. 2) In the context of master production scheduling, the additional inventory and capacity are planned as protection against forecast errors and short-term changes in the backlog. Overplanning can be used to create safety stock.	An element of time added to normal lead time to protect against fluctuations in lead time so that an order can be completed before its real need date. When used, the MRP system, in offsetting for lead time, will plan both order release and order completion for earlier dates than it would otherwise.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	1	min
code_of_unit:		UAA842
alternative_unit_of_measure:		h
code_of_alternative_unit:		UAA525
code_of_list_of_units:		UAD197
data_type:	REAL	REAL
value_format:	NR2..8.2	NR2..4

  

<b>UML-Name:</b>	<b>salesOrderId</b>	<b>salesPriceMax</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesOrderId">http://www.iop.rwth-aachen.de/PPC/1/1/salesOrderId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesPriceMax">http://www.iop.rwth-aachen.de/PPC/1/1/salesPriceMax</a>
preferred_name:	sales order identificator	sales price maximum
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder">http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
definition:	Unique identification of the sales order.	The maximum price the customer is willing to pay for an order.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	€
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	REAL_CURRENCY
value_format:	X..40	NR2 2.2

<b>UML-Name:</b>	<b>salesPricePlanned</b>	<b>scaleId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesPricePlanned">http://www.iop.rwth-aachen.de/PPC/1/1/salesPricePlanned</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/scaleId">http://www.iop.rwth-aachen.de/PPC/1/1/scaleId</a>
preferred_name:	planned sales price	scale identifier
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	P51	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder">http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/scale">http://www.iop.rwth-aachen.de/PPC/1/1/scale</a>
definition:	The sales price is the amount charged for the product offering.	Unique identification of the scale.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	€	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL_CURRENCY	STRING
value_format:	NR2 2.2	X..40

  

<b>UML-Name:</b>	<b>screwType</b>	<b>sdStatus</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/screwType">http://www.iop.rwth-aachen.de/IM/1/1/screwType</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/sdStatus">http://www.iop.rwth-aachen.de/PPC/1/1/sdStatus</a>
preferred_name:	type of screw	status
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A55	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>
definition:	Indicates which type of screw is currently set up on the machine.	The current condition, process (step), etc., of an asset/entity.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	ENUM_STRING
value_format:	X..40	X..40

UML-Name:	setupTime	shiftId
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/setupTime">http://www.iop.rwth-aachen.de/PPC/1/1/setupTime</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftId">http://www.iop.rwth-aachen.de/PPC/1/1/shiftId</a>
preferred_name:	setup time	shift calendar identificator
synonymous_name:	setup lead time	work calendar identificator
short_name:		
preferred_letter_symbol:	t_s}	
data_element_type_class:	T07	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	The time required for a specific machine, resource, work center, process, or line to convert from the production of the last good piece of item A to the first good piece of item B.	Unique identification of the shift calendar.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	IEC 62264-4
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:	h	
code_of_alternative_unit:	UAA525	
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..4	X..40

  

UML-Name:	shotVolumeMax	shotVolumeMin
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMax">http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMin">http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMin</a>
preferred_name:	maximum shot capacity	minumum shot capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:	V_shot,max}	V_shot,min}
data_element_type_class:	T06	T06
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>
definition:	Maximum quantity of material that an injection molding machine can inject per cycle into a mold.	Minimum quantity of material that an injection molding machine can inject per cycle into a mold.
source_document_of_definition:	ISO 472	<own_definition>
unit_of_measure:	cm <sup>3</sup>	cm <sup>3</sup>
code_of_unit:	UAA385	UAA385
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD238	UAD238
data_type:	REAL	REAL
value_format:	NR2	NR2

<b>UML-Name:</b>	<b>shutdownTime</b>	<b>startRule</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shutdownTime">http://www.iop.rwth-aachen.de/PPC/1/1/shutdownTime</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/startRule">http://www.iop.rwth-aachen.de/PPC/1/1/startRule</a>
preferred_name:	shutdown time	start rule
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_shutdown}	
data_element_type_class:	T07	A31
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>
definition:	The time required for a specific machine, resource, work center, process, or line to shut down.	Defines the date until the shift calendar is valid and in use.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	min	none
code_of_unit:	UAA842	
alternative_unit_of_measure:	h	
code_of_alternative_unit:	UAA525	
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..4	X

  

<b>UML-Name:</b>	<b>startTime</b>	<b>status</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/startTime">http://www.iop.rwth-aachen.de/PPC/1/1/startTime</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/status">http://www.iop.rwth-aachen.de/IM/1/1/status</a>
preferred_name:	start time	mold status
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>
definition:	Start time of the shift.	The current condition, process (step), etc., of an asset/entity.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	TIME	ENUM_STRING
value_format:	X 5	X..40

<b>UML-Name:</b>	<b>statusOp</b>	<b>statusTA</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/statusOp">http://www.iop.rwth-aachen.de/PPC/1/1/statusOp</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/statusTA">http://www.iop.rwth-aachen.de/PPC/1/1/statusTA</a>
preferred_name:	status	status technical asset
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
definition:	The current condition, process (step), etc., of an asset/entity.	The current condition, process (step), etc., of an asset/entity.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM.STRING	ENUM.STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>storageId</b>	<b>storageLocation</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storageId">http://www.iop.rwth-aachen.de/PPC/1/1/storageId</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/storageLocation">http://www.iop.rwth-aachen.de/IM/1/1/storageLocation</a>
preferred_name:	storage identificator	storage location
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A12
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/moldInsert">http://www.iop.rwth-aachen.de/IM/1/1/moldInsert</a>
definition:	Unique identification of the storage.	The place where the asset is stored.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..40	X..40



<b>UML-Name:</b>	<b>storagePosId</b>	<b>storageType</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosId">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosId</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storageType">http://www.iop.rwth-aachen.de/PPC/1/1/storageType</a>
preferred_name:	storage position identificator	storage type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>
definition:	Unique identification of the storage position.	The storage type (octabin, silo, specific box, specific container, etc.).
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	ENUM.STRING
value_format:	X..40	X..40

  

<b>UML-Name:</b>	<b>strokeVolumeMax</b>	<b>surName</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/strokeVolumeMax">http://www.iop.rwth-aachen.de/IM/1/1/strokeVolumeMax</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/surName">http://www.iop.rwth-aachen.de/PPC/1/1/surName</a>
preferred_name:	maximum stroke volume	surname
synonymous_name:		
short_name:		
preferred_letter_symbol:	V_stroke_max}	
data_element_type_class:	T06	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
definition:	Product of metering stroke and effective cross-sectional area of the injection plunger.	The surname of the individual.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	cm <sup>3</sup>	none
code_of_unit:	UAA385	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD238	
data_type:	REAL	STRING
value_format:	NR2	X..40

<b>UML-Name:</b>	<b>technicalAttributes</b>	<b>tempDeviceId</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAttributes">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAttributes</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tempDeviceId">http://www.iop.rwth-aachen.de/IM/1/1/tempDeviceId</a>
preferred_name:	technical attributes	temperature control unit identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	The technical specifications of the customer to manufacture the desired part.	Unique identification of the temperature control unit.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..1000	X..40

<b>UML-Name:</b>	<b>temperature</b>	<b>temperatureMax</b>
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/temperature">http://www.iop.rwth-aachen.de/PPC/1/1/temperature</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureMax">http://www.iop.rwth-aachen.de/IM/1/1/temperatureMax</a>
preferred_name:	temperature	maximum temperature
synonymous_name:		
short_name:	@TEMP	
preferred_letter_symbol:	$\vartheta$	$\vartheta_{max}$
data_element_type_class:	H02	H02
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>
definition:	The current temperature.	Defines the maximum working or ambient temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	°C	°C
code_of_unit:	UAA033	UAA033
alternative_unit_of_measure:	K	K
code_of_alternative_unit:	UAA185	UAA185
code_of_list_of_units:	UAD023	UAD023
data_type:	REAL_MEASURE	REAL
value_format:	NR2 S..2.2	NR2..3

<b>UML-Name:</b>	<b>tempMainLine</b>	<b>tempMax</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tempMainLine">http://www.iop.rwth-aachen.de/IM/1/1/tempMainLine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tempMax">http://www.iop.rwth-aachen.de/IM/1/1/tempMax</a>
preferred_name:	temperature main line	maximum temperature
synonymous_name:		
short_name:		
preferred_letter_symbol:	$\vartheta_{\text{mainline}}$	$\vartheta_{\text{max}}$
data_element_type_class:	H02	H02
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	The actual temperature in the main line.	Defines the maximum working or ambient temperature.
source_document_of_definition:	EUROMAP 82.1	<own_definition>
unit_of_measure:	°C	°C
code_of_unit:	UAA033	UAA033
alternative_unit_of_measure:	K	K
code_of_alternative_unit:	UAA185	UAA185
code_of_list_of_units:	UAD023	UAD023
data_type:	REAL_MEASURE	REAL
value_format:	NR2..3	NR2..3

  

<b>UML-Name:</b>	<b>tempPlasticatingUnitMax</b>	<b>tempReturnLine</b>
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tempPlasticatingUnitMax">http://www.iop.rwth-aachen.de/IM/1/1/tempPlasticatingUnitMax</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tempReturnLine">http://www.iop.rwth-aachen.de/IM/1/1/tempReturnLine</a>
preferred_name:	maximum temperature of plasticating unit	temperature return line
synonymous_name:		
short_name:		
preferred_letter_symbol:	$\vartheta_{\text{placunit,max}}$	$\vartheta_{\text{returnline}}$
data_element_type_class:	H02	H02
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine">http://www.iop.rwth-aachen.de/IM/1/1/injectionMoldingMachine</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>
definition:	Maximum allowed temperature for the plasticating unit.	The actual temperature in the return line.
source_document_of_definition:	<own_definition>	EUROMAP 82.1
unit_of_measure:	°C	°C
code_of_unit:	UAA033	UAA033
alternative_unit_of_measure:	K	K
code_of_alternative_unit:	UAA185	UAA185
code_of_list_of_units:	UAD023	UAD023
data_type:	REAL	REAL_MEASURE
value_format:	NR2	NR2..3

UML-Name:	throughput	tradeName
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/throughput">http://www.iop.rwth-aachen.de/PPC/1/1/throughput</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/tradeName">http://www.iop.rwth-aachen.de/PPC/1/1/tradeName</a>
preferred_name:	throughput	trade name
synonymous_name:		commercial name
short_name:	@TH	
preferred_letter_symbol:	q_th}	
data_element_type_class:	K29	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a>
definition:	The number/amount of any material moved from one location to another in a specific time interval.	The designation of an article, part, chemical compound, etc., as a wordmark.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kg/h	none
code_of_unit:	UAA607	
alternative_unit_of_measure:	l/min	
code_of_alternative_unit:	UAA659	
code_of_list_of_units:	UAD107	
data_type:	REAL	STRING
value_format:	NR2	X..40

<b>UML-Name:</b>	<b>transportVolumeMax</b>	<b>unitPrice</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportVolumeMax">http://www.iop.rwth-aachen.de/PPC/1/1/transportVolumeMax</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/unitPrice">http://www.iop.rwth-aachen.de/PPC/1/1/unitPrice</a>
preferred_name:	maximum transport volume	unit price
synonymous_name:	maximum transport load	
short_name:		
preferred_letter_symbol:	m_transport}	
data_element_type_class:	T06	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a>
definition:	The maximum volume a transport container can load.	Price for one unit of the raw material, the vendor declared.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kg	€
code_of_unit:	UAD720	
alternative_unit_of_measure:	1	
code_of_alternative_unit:		
code_of_list_of_units:	UAD104	
data_type:	REAL	REAL_CURRENCY
value_format:	NR2..4	NR2 2.2

  

<b>UML-Name:</b>	<b>validTill</b>	<b>vendorId</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/validTill">http://www.iop.rwth-aachen.de/PPC/1/1/validTill</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/vendorId">http://www.iop.rwth-aachen.de/PPC/1/1/vendorId</a>
preferred_name:	valid till	vendor identifier
synonymous_name:		supplier identifier
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a>
definition:	Defines the date until the shift calendar is invalid and not in use.	Unique identification of a vendor that is a provider of goods or services.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	DATE	STRING
value_format:	X	X..40

<b>UML-Name:</b>	<b>vendorName</b>	<b>version</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/vendorName">http://www.iop.rwth-aachen.de/PPC/1/1/vendorName</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/version">http://www.iop.rwth-aachen.de/PPC/1/1/version</a>
preferred_name:	vendor name	version
synonymous_name:	supplier name	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/routing">http://www.iop.rwth-aachen.de/PPC/1/1/routing</a>
definition:	The name of a vendor that is a provider of goods or services.	Versions represent the evolution of an asset.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	none	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	INTEGER
value_format:	X..40	NR1..3

  

<b>UML-Name:</b>	<b>volume</b>	<b>wageRate</b>
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/volume">http://www.iop.rwth-aachen.de/IM/1/1/volume</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/wageRate">http://www.iop.rwth-aachen.de/PPC/1/1/wageRate</a>
preferred_name:	volume	wage rate
synonymous_name:		
short_name:		
preferred_letter_symbol:	V	
data_element_type_class:	T06	P51
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/dryer">http://www.iop.rwth-aachen.de/IM/1/1/dryer</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>
definition:	The volume the asset can store or proceed at once.	Costs incurred by a person in one hour.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	m <sup>3</sup>	€
code_of_unit:	UAA757	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD238	
data_type:	REAL	REAL_CURRENCY
value_format:	NR2	NR2 2.2

<b>UML-Name:</b>	<b>waitTime</b>	<b>weightMax</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/waitTime">http://www.iop.rwth-aachen.de/PPC/1/1/waitTime</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/weightMax">http://www.iop.rwth-aachen.de/PPC/1/1/weightMax</a>
preferred_name:	waiting time	maximum weight
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_wait}	m_max}
data_element_type_class:	T07	K01
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/scale">http://www.iop.rwth-aachen.de/PPC/1/1/scale</a>
definition:	The time a job remains at a work center after an operation is completed until it is moved to the next operation. It is often expressed as a part of move time.	Maximum weight that the scale can handle and/or display.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	min	kg
code_of_unit:	UAA842	UAD720
alternative_unit_of_measure:	h	g
code_of_alternative_unit:	UAA525	UAA465
code_of_list_of_units:	UAD197	UAD104
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4
<b>UML-Name:</b>	<b>workdays</b>	<b>yearOfConstruction</b>
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/workdays">http://www.iop.rwth-aachen.de/PPC/1/1/workdays</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/yearOfConstruction">http://www.iop.rwth-aachen.de/PPC/1/1/yearOfConstruction</a>
preferred_name:	workdays	year of construction
synonymous_name:		year of manufacturing
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	A62
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
applicable_classes:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>
definition:	Definition of the workdays the shift calendar is valid and in use.	The YearOfConstruction Property represents the year of construction of the machine.
source_document_of_definition:	<own_definition>	EUROMAP 83
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	ENUM_STRING	INTEGER
value_format:	X	N 4

### Appendix C: Enumerations

Name:	approved	bag
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/approved">http://www.iop.rwth-aachen.de/PPC/1/1/approved</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bag">http://www.iop.rwth-aachen.de/PPC/1/1/bag</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/approved">http://www.iop.rwth-aachen.de/PPC/1/1/approved</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bag">http://www.iop.rwth-aachen.de/PPC/1/1/bag</a>
preferred_name:	approved	bag
short_name:	@APPR	@BAG
symbol:	APPR	BAG
definition:	The part/material is approved. A manufacturing is allowed.	
source_document_of_definition:	<own.definition>	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>
Name:	bankHoliday	blocked
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bankHoliday">http://www.iop.rwth-aachen.de/PPC/1/1/bankHoliday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/blocked">http://www.iop.rwth-aachen.de/PPC/1/1/blocked</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/bankHoliday">http://www.iop.rwth-aachen.de/PPC/1/1/bankHoliday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/blocked">http://www.iop.rwth-aachen.de/PPC/1/1/blocked</a>
preferred_name:	bank holiday	blocked
short_name:	@BKHL	@BLOC
symbol:	BKHL	BLOC
definition:	Shift Calender that specifies the bank holidays. The production is closed or the labor get addition to the salary.	The asset is utilized because of setup, production or teardown
source_document_of_definition:	<own.definition>	<own.definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>



Name:	cancelled	coldRunner
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/cancelled">http://www.iop.rwth-aachen.de/PPC/1/1/cancelled</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/coldRunner">http://www.iop.rwth-aachen.de/IM/1/1/coldRunner</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/cancelled">http://www.iop.rwth-aachen.de/PPC/1/1/cancelled</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/coldRunner">http://www.iop.rwth-aachen.de/IM/1/1/coldRunner</a>
preferred_name:	cancelled	cold runner
short_name:	@CNCL	@CLDR
symbol:	CNCL	CLDR
definition:	The process was cancelled by customer or manufacturer.	The spure, runner(s), and gate(s) of the melt, like the melt in the cavity(ies), all solidified by the cooling action of the mold. This mold design produces solidified spure and runner(s) that are usually granulated and recycled.
source_document_of_definition:	<own_definition>	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>

  

Name:	confirmed	construction
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/confirmed">http://www.iop.rwth-aachen.de/PPC/1/1/confirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/construction">http://www.iop.rwth-aachen.de/PPC/1/1/construction</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/confirmed">http://www.iop.rwth-aachen.de/PPC/1/1/confirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/construction">http://www.iop.rwth-aachen.de/PPC/1/1/construction</a>
preferred_name:	confirmed	construction
short_name:	@CONF	@CONST
symbol:	CONF	CONST
definition:	The sales order is confirmed, so the manufacturer agrees to deliver the desired articles to the desired destination.	The part is under construction, a production is not realizable yet.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>

Name:	container	continiousPressurePneumatic
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/container">http://www.iop.rwth-aachen.de/PPC/1/1/container</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/continiousPressurePneumatic">http://www.iop.rwth-aachen.de/IM/1/1/continiousPressurePneumatic</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/container">http://www.iop.rwth-aachen.de/PPC/1/1/container</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/continiousPressurePneumatic">http://www.iop.rwth-aachen.de/IM/1/1/continiousPressurePneumatic</a>
preferred_name:	container	continious pressure-pneumatic
short_name:	@CONT	@COPP
symbol:	CONT	COPP
definition:	<p>In the pressure conveying system, the material is fed centrally into a strong air stream and transported to the desired location. In general, this system is best suited for conveying from one feed point to various consumers with large throughput quantities. In this case, the material can be transported well over long distances. The conveying process is continous.</p>	
source_document_of_definition:	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>

  

Name:	continiousSuction	defect
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/continiousSuction">http://www.iop.rwth-aachen.de/IM/1/1/continiousSuction</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/defect">http://www.iop.rwth-aachen.de/PPC/1/1/defect</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/continiousSuction">http://www.iop.rwth-aachen.de/IM/1/1/continiousSuction</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/defect">http://www.iop.rwth-aachen.de/PPC/1/1/defect</a>
preferred_name:	continious suction	defect
short_name:	@COSU	@DEFC
symbol:	COSU	DEFC
definition:	<p>In a vacuum conveying system, the free-flowing raw material is transported to the required to the desired points of consumption. This system is often used because of its simple design. The conveying process is continous.</p>	The technical asset is defect and not available for production
source_document_of_definition:	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>

Name:	demolding	discontiniousPressurePneumatic
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/demolding">http://www.iop.rwth-aachen.de/IM/1/1/demolding</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/discontiniousPressurePneumatic">http://www.iop.rwth-aachen.de/IM/1/1/discontiniousPressurePneumatic</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/demolding">http://www.iop.rwth-aachen.de/IM/1/1/demolding</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/discontiniousPressurePneumatic">http://www.iop.rwth-aachen.de/IM/1/1/discontiniousPressurePneumatic</a>
preferred_name:	demolding	discontinious pressure-pneumatic
short_name:	@DEMO	@DIPP
symbol:	DEMO	DIPP
definition:	Process step to remove (=demold) the solidified part from the mold.	In the pressure conveying system, the material is fed centrally into a strong air stream and transported to the desired location. In general, this system is best suited for conveying from one feed point to various consumers with large throughput quantities. In this case, the material can be transported well over long distances. The conveying process is discontinuous.
source_document_of_definition:	<own_definition>	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>
Name:	discontiniousSuction	disturbance
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/discontiniousSuction">http://www.iop.rwth-aachen.de/IM/1/1/discontiniousSuction</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/disturbance">http://www.iop.rwth-aachen.de/PPC/1/1/disturbance</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/discontiniousSuction">http://www.iop.rwth-aachen.de/IM/1/1/discontiniousSuction</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/disturbance">http://www.iop.rwth-aachen.de/PPC/1/1/disturbance</a>
preferred_name:	discontinious suction	disturbance
short_name:	@DISU	@DIST
symbol:	DISU	DIST
definition:	In a vacuum conveying system, the free-flowing raw material is transported to the required to the desired points of consumption. This system is often used because of its simple design. The conveying process is discontinuous.	The asset does not process normally due to a disturbance, so the asset cannot process. It has to be checked if the asset is defect or the disturbance can be remove so the asset can proceed as usual / as planned.
source_document_of_definition:	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>

Name:	expired	finished
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/expired">http://www.iop.rwth-aachen.de/PPC/1/1/expired</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/finished">http://www.iop.rwth-aachen.de/PPC/1/1/finished</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/expired">http://www.iop.rwth-aachen.de/PPC/1/1/expired</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/finished">http://www.iop.rwth-aachen.de/PPC/1/1/finished</a>
preferred_name:	expired	finished
short_name:	@EXPI	@FIN
symbol:	EXPI	FIN
definition:	The part/material is no longer manufactured/buyed.	The operation is finished.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>

  

Name:	flakes	friday
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/flakes">http://www.iop.rwth-aachen.de/IM/1/1/flakes</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/friday">http://www.iop.rwth-aachen.de/PPC/1/1/friday</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/flakes">http://www.iop.rwth-aachen.de/IM/1/1/flakes</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/friday">http://www.iop.rwth-aachen.de/PPC/1/1/friday</a>
preferred_name:	flakes	friday
short_name:	@FLKS	@FRI
symbol:	FLKS	FRI
definition:		
source_document_of_definition:		
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>

Name:	fullyConfirmed	fullyDeliverd
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/fullyConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/fullyConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/fullyDeliverd">http://www.iop.rwth-aachen.de/PPC/1/1/fullyDeliverd</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/fullyConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/fullyConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/fullyDeliverd">http://www.iop.rwth-aachen.de/PPC/1/1/fullyDeliverd</a>
preferred_name:	fully confirmed	delivered
short_name:	@FUCF	@DLVD
symbol:	FUCF	DLVD
definition:	The confirmation at of all operations were made, so the production process is finished	All parts of the manufacturing order or all articles of the sales order were delivered to the mentioned destination.
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>

  

Name:	goodsMovementOccured	granules
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/goodsMovementOccured">http://www.iop.rwth-aachen.de/PPC/1/1/goodsMovementOccured</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/granules">http://www.iop.rwth-aachen.de/IM/1/1/granules</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/goodsMovementOccured">http://www.iop.rwth-aachen.de/PPC/1/1/goodsMovementOccured</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/granules">http://www.iop.rwth-aachen.de/IM/1/1/granules</a>
preferred_name:	goods movement occured	granules
short_name:	@GDMV	@GRNL
symbol:	GDMV	GRNL
definition:	At least one goods movement for this production order occured.	
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>

Name:	high	hotRunner
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/high">http://www.iop.rwth-aachen.de/PPC/1/1/high</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/hotRunner">http://www.iop.rwth-aachen.de/IM/1/1/hotRunner</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/high">http://www.iop.rwth-aachen.de/PPC/1/1/high</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/hotRunner">http://www.iop.rwth-aachen.de/IM/1/1/hotRunner</a>
preferred_name:	high	hot runner
short_name:	@HIGH	@HOTR
symbol:	HIGH	HOTR
definition:	<p>The spure and runner(s) are insulated from the chilled cavities and remain hot, so that the runner never cools in normal cycle operation. Runners are not ejected with the molded part(s). Thus, the next shot is form the gate rather than the machine nozzle.</p>	
source_document_of_definition:	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice">http://www.iop.rwth-aachen.de/IM/1/1/temperatureControlDevice</a>

  

Name:	idle	inMaintenance
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/idle">http://www.iop.rwth-aachen.de/PPC/1/1/idle</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inMaintenance">http://www.iop.rwth-aachen.de/PPC/1/1/inMaintenance</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/idle">http://www.iop.rwth-aachen.de/PPC/1/1/idle</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inMaintenance">http://www.iop.rwth-aachen.de/PPC/1/1/inMaintenance</a>
preferred_name:	idle	in maintenance
short_name:	@IDLE	@MAIN
symbol:	IDLE	MAIN
definition:	The asset is free for utilization.	The technical asset is in maintenance for a planned or unplanned service
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset">http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset</a>

Name:	innerSilo	inProgress
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/innerSilo">http://www.iop.rwth-aachen.de/PPC/1/1/innerSilo</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inProgress">http://www.iop.rwth-aachen.de/PPC/1/1/inProgress</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/innerSilo">http://www.iop.rwth-aachen.de/PPC/1/1/innerSilo</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/inProgress">http://www.iop.rwth-aachen.de/PPC/1/1/inProgress</a>
preferred_name:	inner silo	in progress
short_name:	@ISIL	@PROG
symbol:	ISIL	PROG
definition:	At least one process to fulfil the task has started.	
source_document_of_definition:	<own_definition>	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>
Name:	insertSupply	liquid
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/insertSupply">http://www.iop.rwth-aachen.de/IM/1/1/insertSupply</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/liquid">http://www.iop.rwth-aachen.de/IM/1/1/liquid</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/insertSupply">http://www.iop.rwth-aachen.de/IM/1/1/insertSupply</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/liquid">http://www.iop.rwth-aachen.de/IM/1/1/liquid</a>
preferred_name:	insert supply	liquid
short_name:	@INSU	@LQID
symbol:	INSU	LQID
definition:	Process step to insert a third-party material into the mold to manufacture hybrid-material parts	
source_document_of_definition:	<own_definition>	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>

Name:	low	materialAvailabilityNotChecked
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/low">http://www.iop.rwth-aachen.de/PPC/1/1/low</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialAvailabilityNotChecked">http://www.iop.rwth-aachen.de/PPC/1/1/materialAvailabilityNotChecked</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/low">http://www.iop.rwth-aachen.de/PPC/1/1/low</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialAvailabilityNotChecked">http://www.iop.rwth-aachen.de/PPC/1/1/materialAvailabilityNotChecked</a>
preferred_name:	low	material availability not checked
short_name:	@LOW	@MANC
symbol:	LOW	MANC
definition:		The availability of the material was not checked
source_document_of_definition:		Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>

  

Name:	materialConfirmed	materialNotAvailable
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/materialConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialNotAvailable">http://www.iop.rwth-aachen.de/PPC/1/1/materialNotAvailable</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/materialConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/materialNotAvailable">http://www.iop.rwth-aachen.de/PPC/1/1/materialNotAvailable</a>
preferred_name:	material confirmed	material not available
short_name:	@MACF	@MANA
symbol:	MACF	MANA
definition:	The material that is needed for production is available when production starts.	The material that is needed for production is not available
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>

  

Name:	monday	mouldChange
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/monday">http://www.iop.rwth-aachen.de/PPC/1/1/monday</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldChange">http://www.iop.rwth-aachen.de/IM/1/1/mouldChange</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/monday">http://www.iop.rwth-aachen.de/PPC/1/1/monday</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldChange">http://www.iop.rwth-aachen.de/IM/1/1/mouldChange</a>
preferred_name:	monday	mould change
short_name:	@MON	@MCHG
symbol:	MON	MCHG
definition:		During installation or changing of the mould.
source_document_of_definition:		EUROMAP 83
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>



Name:	mouldInstalled	mouldNotInstalled
Domain:	IM	IM
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldInstalled">http://www.iop.rwth-aachen.de/IM/1/1/mouldInstalled</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldNotInstalled">http://www.iop.rwth-aachen.de/IM/1/1/mouldNotInstalled</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldInstalled">http://www.iop.rwth-aachen.de/IM/1/1/mouldInstalled</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mouldNotInstalled">http://www.iop.rwth-aachen.de/IM/1/1/mouldNotInstalled</a>
preferred_name:	mould installed	mould not installed
short_name:	@MINS	@MNIN
symbol:	MINS	MNIN
definition:	The mould is installed and ready for production.	The mould is not installed on the machine.
source_document_of_definition:	EUROMAP 83	EUROMAP 83
definition_class:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>

  

Name:	multiStage	nonWorkingTime
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/multiStage">http://www.iop.rwth-aachen.de/IM/1/1/multiStage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/nonWorkingTime">http://www.iop.rwth-aachen.de/PPC/1/1/nonWorkingTime</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/multiStage">http://www.iop.rwth-aachen.de/IM/1/1/multiStage</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/nonWorkingTime">http://www.iop.rwth-aachen.de/PPC/1/1/nonWorkingTime</a>
preferred_name:	multi-stage	non working time
short_name:	@MSTG	@NWT
symbol:	MSTG	NWT
definition:	A multi-stage conveyor connects different/multiple sources with different/multiple sinks.	The time the person is not available because it is non working time.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>

  

Name:	normal	octabin
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/normal">http://www.iop.rwth-aachen.de/PPC/1/1/normal</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/octabin">http://www.iop.rwth-aachen.de/PPC/1/1/octabin</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/normal">http://www.iop.rwth-aachen.de/PPC/1/1/normal</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/octabin">http://www.iop.rwth-aachen.de/PPC/1/1/octabin</a>
preferred_name:	normal	octabin
short_name:	@NORM	@OCTB
symbol:	NORM	OCTB
definition:		
source_document_of_definition:		
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>

Name:	open	orientation
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/open">http://www.iop.rwth-aachen.de/PPC/1/1/open</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/orientation">http://www.iop.rwth-aachen.de/IM/1/1/orientation</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/open">http://www.iop.rwth-aachen.de/PPC/1/1/open</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/orientation">http://www.iop.rwth-aachen.de/IM/1/1/orientation</a>
preferred_name:	open	orientation
short_name:	@OPEN	@ORNT
symbol:	OPEN	ORNT
definition:	The sales order is recorded in the system.	Process step to bring the finished parts in a pre-determined orientation, so every part is placed in the same way.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>
Name:	other	outerSilo
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/other">http://www.iop.rwth-aachen.de/IM/1/1/other</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/outerSilo">http://www.iop.rwth-aachen.de/PPC/1/1/outerSilo</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/other">http://www.iop.rwth-aachen.de/IM/1/1/other</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/outerSilo">http://www.iop.rwth-aachen.de/PPC/1/1/outerSilo</a>
preferred_name:	other	outer silo
short_name:	@MOTH	@OSIL
symbol:	MOTH	OSIL
definition:	This state is used if none of the other states apply.	
source_document_of_definition:	EUROMAP 83	
definition_class:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/mold">http://www.iop.rwth-aachen.de/IM/1/1/mold</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>
Name:	palette	palletizing
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/palette">http://www.iop.rwth-aachen.de/PPC/1/1/palette</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/palletizing">http://www.iop.rwth-aachen.de/IM/1/1/palletizing</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/palette">http://www.iop.rwth-aachen.de/PPC/1/1/palette</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/palletizing">http://www.iop.rwth-aachen.de/IM/1/1/palletizing</a>
preferred_name:	palette	palletizing
short_name:	@PALT	@PLLT
symbol:	PALT	PLLT
definition:		Process step to merge different parts or product carrier to one pallet or transport container.
source_document_of_definition:		<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/storage">http://www.iop.rwth-aachen.de/PPC/1/1/storage</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition">http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>

Name:	partlyConfirmed	partlyDelivered
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/partlyConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/partlyConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered">http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/partlyConfirmed">http://www.iop.rwth-aachen.de/PPC/1/1/partlyConfirmed</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered">http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered</a>
preferred_name:	partly confirmed	partly delivered
short_name:	@PTCF	@PDLV
symbol:	PTCF	PDLV
definition:	The confirmation at least of one, but not all operations were made.	At least one, but not all articles were delivered to the mentioned destination.
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument">http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>

Name:	pause	plantShutdown
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/pause">http://www.iop.rwth-aachen.de/PPC/1/1/pause</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plantShutdown">http://www.iop.rwth-aachen.de/PPC/1/1/plantShutdown</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/pause">http://www.iop.rwth-aachen.de/PPC/1/1/pause</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/plantShutdown">http://www.iop.rwth-aachen.de/PPC/1/1/plantShutdown</a>
preferred_name:	pause	plant shutdown
short_name:	@PAUS	@PLSD
symbol:	PAUS	PLSD
definition:	The person is not available because of pause.	Shift Calender that specifies the days the plant is closed. The production is closed.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>

Name:	powder	productionDocumentsFetched
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/powder">http://www.iop.rwth-aachen.de/IM/1/1/powder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionDocumentsFetched">http://www.iop.rwth-aachen.de/PPC/1/1/productionDocumentsFetched</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/powder">http://www.iop.rwth-aachen.de/IM/1/1/powder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionDocumentsFetched">http://www.iop.rwth-aachen.de/PPC/1/1/productionDocumentsFetched</a>
preferred_name:	powder	production documents fetched
short_name:	@PWDR	@DOC
symbol:	PWDR	DOC
definition:		The production documents were fetched.
source_document_of_definition:		Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>

Name:	released	saturday
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/released">http://www.iop.rwth-aachen.de/PPC/1/1/released</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/saturday">http://www.iop.rwth-aachen.de/PPC/1/1/saturday</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/released">http://www.iop.rwth-aachen.de/PPC/1/1/released</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/saturday">http://www.iop.rwth-aachen.de/PPC/1/1/saturday</a>
preferred_name:	released	saturday
short_name:	@RLSD	@SAT
symbol:	RLSD	SAT
definition:	The production order was released and is ready for production	
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder">http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>

  

Name:	screw	setup
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/screw">http://www.iop.rwth-aachen.de/IM/1/1/screw</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/setup">http://www.iop.rwth-aachen.de/PPC/1/1/setup</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/screw">http://www.iop.rwth-aachen.de/IM/1/1/screw</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/setup">http://www.iop.rwth-aachen.de/PPC/1/1/setup</a>
preferred_name:	screw	setup
short_name:	@SCRW	@SETU
symbol:	SCRW	SETU
definition:	The rotation of a screw ensures the material transport.	Necessary setup before production has begun.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>

  

Name:	spureRemoval	sunday
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/spureRemoval">http://www.iop.rwth-aachen.de/IM/1/1/spureRemoval</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/sunday">http://www.iop.rwth-aachen.de/PPC/1/1/sunday</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/spureRemoval">http://www.iop.rwth-aachen.de/IM/1/1/spureRemoval</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/sunday">http://www.iop.rwth-aachen.de/PPC/1/1/sunday</a>
preferred_name:	spure removal	sunday
short_name:	@SRVL	@SUN
symbol:	SRVL	SUN
definition:	Process step to cut or laser the spure from the finished part.	
source_document_of_definition:	<own_definition>	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>

Name:	tape	thursday
Domain:	IM	PPC
code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tape">http://www.iop.rwth-aachen.de/IM/1/1/tape</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/thursday">http://www.iop.rwth-aachen.de/PPC/1/1/thursday</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/IM/1/1/tape">http://www.iop.rwth-aachen.de/IM/1/1/tape</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/thursday">http://www.iop.rwth-aachen.de/PPC/1/1/thursday</a>
preferred_name:	tape	thursday
short_name:	@TAPE	@THU
symbol:	TAPE	THU
definition:		
source_document_of_definition:		
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/conveyor">http://www.iop.rwth-aachen.de/PPC/1/1/conveyor</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer">http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer</a> <a href="http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate">http://www.iop.rwth-aachen.de/IM/1/1/plasticsGranulate</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>

  

Name:	tuesday	updating
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/tuesday">http://www.iop.rwth-aachen.de/PPC/1/1/tuesday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/updating">http://www.iop.rwth-aachen.de/PPC/1/1/updating</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/tuesday">http://www.iop.rwth-aachen.de/PPC/1/1/tuesday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/updating">http://www.iop.rwth-aachen.de/PPC/1/1/updating</a>
preferred_name:	tuesday	updating
short_name:	@TUE	@UPDT
symbol:	TUE	UPDT
definition:	The part/material gets an update due to a change request.	
source_document_of_definition:	<own_definition>	
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>

Name:	vacation	verification
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/vacation">http://www.iop.rwth-aachen.de/PPC/1/1/vacation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/verification">http://www.iop.rwth-aachen.de/PPC/1/1/verification</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/vacation">http://www.iop.rwth-aachen.de/PPC/1/1/vacation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/verification">http://www.iop.rwth-aachen.de/PPC/1/1/verification</a>
preferred_name:	vacation	verification
short_name:	@VAC	@VERY
symbol:	VAC	VERY
definition:	The person is not available because of vacation.	The part/material is under verification after construction, addition, or due to a change request.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/person">http://www.iop.rwth-aachen.de/PPC/1/1/person</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/part">http://www.iop.rwth-aachen.de/PPC/1/1/part</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/batch">http://www.iop.rwth-aachen.de/PPC/1/1/batch</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial">http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial</a> <a href="http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition">http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition</a>

  

Name:	waiting	wasteSeperation
Domain:	PPC	IM
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/waiting">http://www.iop.rwth-aachen.de/PPC/1/1/waiting</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/wasteSeperation">http://www.iop.rwth-aachen.de/IM/1/1/wasteSeperation</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/waiting">http://www.iop.rwth-aachen.de/PPC/1/1/waiting</a>	<a href="http://www.iop.rwth-aachen.de/IM/1/1/wasteSeperation">http://www.iop.rwth-aachen.de/IM/1/1/wasteSeperation</a>
preferred_name:	waiting	waste seperation
short_name:	@WAIT	@WSEP
symbol:	WAIT	WSEP
definition:	The operation waits to be started	Process step to separate the not-ok-parts from the ok-parts to avoid mixed inventory of good and bad parts.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/operation">http://www.iop.rwth-aachen.de/PPC/1/1/operation</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice">http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice</a>

  

Name:	wednesday	workShift
Domain:	PPC	PPC
code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/wednesday">http://www.iop.rwth-aachen.de/PPC/1/1/wednesday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/workShift">http://www.iop.rwth-aachen.de/PPC/1/1/workShift</a>
enumeration_code:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/wednesday">http://www.iop.rwth-aachen.de/PPC/1/1/wednesday</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/workShift">http://www.iop.rwth-aachen.de/PPC/1/1/workShift</a>
preferred_name:	wednesday	work shift
short_name:	@WED	@WSFT
symbol:	WED	WSFT
definition:		Shift Calender that specifies the shifts on a working day
source_document_of_definition:		<own_definition>
definition_class:	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>	<a href="http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar">http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar</a>