

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 = 31.05.2022
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.	A handling device supports operators in the process of goods or material movement or carries ou the process automatically.
source_document_of_definition:	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972	<own_definition>
note:		

UML-Name:	InjectionMoldingMachine	Inquiry
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/inquiry
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:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/IM/1/1/mold
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:	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/operation
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:		

UML-Name:	OptimizationModel	Part
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel	http://www.iop.rwth-aachen.de/PPC/1/1/part
preferred_name:	optimization model	part
synonymous_name:		product
short_name:	@OPTM	@PART
definition:	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.
source_document_of_definition:	<own_definition>	IEC 62264-1
note:		A product can be an intermediate product or end product from a business perspective.
UML-Name:	Person	PersonalQualification
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
preferred_name:	person	personal qualification
synonymous_name:	operator	operator qualification
short_name:	@PRSN	@PRSQ
definition:	Grouping of persons with similar characteristics.	Skill of a person to execute operations or handle machines .
source_document_of_definition:	IEC 62264-2	<own_definition>
note:		
UML-Name:	PlasticsGranulate	ProductionOrder
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
preferred_name:	plastics granulate	production order
synonymous_name:		job
short_name:	@PLAS	@PO
definition:	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.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
note:		

UML-Name:	PurchaseOrder	RawMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial
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:	http://www.iop.rwth-aachen.de/PPC/1/1/routing	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
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:	http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder	http://www.iop.rwth-aachen.de/PPC/1/1/scale
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:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/storage
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:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset
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:	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer
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 = { } Property data element type = NON_DEPENDENT_P_DET

UML-Name:	name	manufacturer
UML-Klasse:	TechnicalAsset	TechnicalAsset
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/name	http://www.iop.rwth-aachen.de/PPC/1/1/manufacturer
preferred_name:	name	manufacturer
synonymous_name:		producer
short_name:	@NAME	
preferred_letter_symbol:		
data_element_type_class:	A62	A62
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/PPC/1/1/technicalAsset
definition:	Name of the asset.	An identification of the manufacturer.
source_document_of_definition:	<own_definition>	IEC 62264-2
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..40	X..40

UML-Name:	yearOfConstruction	locationName
UML-Klasse:	TechnicalAsset	TechnicalAsset
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/yearOfConstruction	http://www.iop.rwth-aachen.de/PPC/1/1/locationName
preferred_name:	year of construction	location
synonymous_name:	year of manufacturing	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
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/PPC/1/1/technicalAsset
definition:	The YearOfConstruction Property represents the year of construction of the machine.	Name of the actual physical location of the physical asset.
source_document_of_definition:	EUROMAP 83	IEC 62264-2
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	INTEGER	STRING
value_format:	N 4	X..40

UML-Name:	MTTF	MTTR
UML-Klasse:	TechnicalAsset	TechnicalAsset
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/MTTF	http://www.iop.rwth-aachen.de/PPC/1/1/MTTR
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:	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/PPC/1/1/technicalAsset
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:	grossCapacity	overallEquipmentEfficiency
UML-Klasse:	TechnicalAsset	TechnicalAsset
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/grossCapacity	http://www.iop.rwth-aachen.de/PPC/1/1/overallEquipmentEfficiency
preferred_name:	gross capacity	overall equipment efficiency
synonymous_name:		
short_name:		@OEE
preferred_letter_symbol:	t_capacity,gross}	_OEE}
data_element_type_class:	T07	R81
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/PPC/1/1/technicalAsset
definition:	The capacity of human or technical assets for a defined area within a certain period of time or time interval.	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.
source_document_of_definition:	VDI 2815 Part 6	ISO 22400-2
unit_of_measure:	h	%
code_of_unit:	UAA525	UAA000
alternative_unit_of_measure:	min	
code_of_alternative_unit:	UAA842	
code_of_list_of_units:	UAD197	UAD154
data_type:	REAL	REAL_MEASURE
value_format:	NR2	NR2..3.2
UML-Name:	hourlyRate	statusTA
UML-Klasse:	TechnicalAsset	TechnicalAsset
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/hourlyRate	http://www.iop.rwth-aachen.de/PPC/1/1/statusTA
preferred_name:	hourly rate	status technical asset
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	P51	A62
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/PPC/1/1/technicalAsset
definition:	Costs incurred by an asset in one hour.	The current condition, process (step), etc., of an asset/entity.
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:	REAL_CURRENCY	ENUM_STRING
value_format:	NR2 2.2	X..40

UML-Name:	machineId	clampingForce
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/machineId	http://www.iop.rwth-aachen.de/IM/1/1/clampingForce
preferred_name:	injection molding machine identificator	clamping force
synonymous_name:		locking force
short_name:		
preferred_letter_symbol:		F_cl}
data_element_type_class:	A62	K09
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Unique identification of the injection molding machine.	The actual force applied to the mold after closing.
source_document_of_definition:	<own_definition>	EUROMAP 5
unit_of_measure:	none	kN
code_of_unit:		UAA573
alternative_unit_of_measure:		t
code_of_alternative_unit:		UAA988
code_of_list_of_units:		UAD104
data_type:	STRING	INTEGER
value_format:	X..40	NR1..6

UML-Name:	clampingForceClass	injectionPressureMax
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/clampingForceClass	http://www.iop.rwth-aachen.de/IM/1/1/injectionPressureMax
preferred_name:	clamping force class	maximum injection pressure
synonymous_name:	locking force class	maximum filling pressure
short_name:		
preferred_letter_symbol:		p_injpressure,max}
data_element_type_class:	A52	K15
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Group of similar injection molding machines with similar clamping forces.	Maximum melt pressure during filling time calculated by dividing the max theoretical injection force by the screw/piston section area.
source_document_of_definition:	<own_definition>	EUROMAP 5
unit_of_measure:	none	bar
code_of_unit:		UAA323
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD142
data_type:	INTEGER	REAL
value_format:	N..2	NR1..5

UML-Name:	injectionSpeedMax	injectionFlowRateMax
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/injectionSpeedMax	http://www.iop.rwth-aachen.de/IM/1/1/injectionFlowRateMax
preferred_name:	maximum injection speed	maximum injection flow rate
synonymous_name:		
short_name:		
preferred_letter_symbol:	v_injspeed,max}	q_injflow,max}
data_element_type_class:	T10	K30
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Maximum speed at which the raw material can be injected.	Maximum possible flow rate of the injected melt.
source_document_of_definition:	<own.definition>	<own.definition>
unit_of_measure:	mm/s	cm ³ /s
code_of_unit:	UAA867	UAA469
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD236	UAD106
data_type:	REAL	REAL
value_format:	NR2..3	NR2..3

UML-Name:	injectionPowerMax	plasticatingCapacityMax
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/injectionPowerMax	http://www.iop.rwth-aachen.de/IM/1/1/plasticatingCapacityMax
preferred_name:	maximum injection power	maximum plasticating capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:	P_inj,max}	q_plastcapacity,max}
data_element_type_class:	K15	K29
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Power is available for injecting the melt from the injection cylinder into the mold.	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:	DIN 24450	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972
unit_of_measure:	kW	g/s
code_of_unit:	UAA583	UAA497
alternative_unit_of_measure:		kg/h
code_of_alternative_unit:		UAA607
code_of_list_of_units:	UAD003	UAD107
data_type:	REAL	REAL
value_format:	NR2	NR2

UML-Name:	tempPlasticatingUnitMax	feedHopperTemperature
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/tempPlasticatingUnitMax	http://www.iop.rwth-aachen.de/IM/1/1/feedHopperTemperature
preferred_name:	maximum temperature of plasticating unit	feed hopper temperature
synonymous_name:		
short_name:		
preferred_letter_symbol:	_placunit,max}	_feeder}
data_element_type_class:	H02	H02
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Maximum allowed temperature for the plasticating unit.	The current temperature in the feed hopper.
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	REAL
value_format:	NR2	NR2

UML-Name:	shotVolumeMax	shotVolumeMin
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMax	http://www.iop.rwth-aachen.de/IM/1/1/shotVolumeMin
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:	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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
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 ³	cm ³
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

UML-Name:	strokeVolumeMax	feedVolume
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/strokeVolumeMax	http://www.iop.rwth-aachen.de/IM/1/1/feedVolume
preferred_name:	maximum stroke volume	feed volume
synonymous_name:		
short_name:		
preferred_letter_symbol:	V_stroke_max}	V_feed}
data_element_type_class:	T06	T06
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Product of metering stroke and effective cross-sectional area of the injection plunger.	The volume of the feeder.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	cm ³	cm ³
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

UML-Name:	holdingPressure	ejectorStroke
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/holdingPressure	http://www.iop.rwth-aachen.de/IM/1/1/ejectorStroke
preferred_name:	holding pressure	ejector stroke
synonymous_name:	clamping pressure	
short_name:		
preferred_letter_symbol:	p_h}	d_ejector}
data_element_type_class:	K15	T03
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
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.	Distance of the ejectors in the mold during demolding.
source_document_of_definition:	EUROMAP 5	DIN 24450
unit_of_measure:	bar	mm
code_of_unit:	UAA323	UAA862
alternative_unit_of_measure:		cm
code_of_alternative_unit:		UAA375
code_of_list_of_units:	UAD142	UAD072
data_type:	REAL	REAL
value_format:	NR2	NR2

UML-Name:	adapterPlateHeightMax	adapterPlateWidthMax
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateHeightMax	http://www.iop.rwth-aachen.de/IM/1/1/adapterPlateWidthMax
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:	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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
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

UML-Name:	moldSpaceMax	moldSpaceMin
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMax	http://www.iop.rwth-aachen.de/IM/1/1/moldSpaceMin
preferred_name:	maximum mold space	minimum mold space
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_moldspace,max}	d_moldspace,min}
data_element_type_class:	T03	T03
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Design-related maximum distance of the mold fixing platens in the closed position, i.e., when opening stroke equals zero.	Design-related minimum distance of the mold fixing platens in the closed position.
source_document_of_definition:	DIN 24450	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

UML-Name:	openingStroke	ejectorForce
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/openingStroke	http://www.iop.rwth-aachen.de/IM/1/1/ejectorForce
preferred_name:	opening stroke	ejector force
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_opening}	F_eject}
data_element_type_class:	T03	K09
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Distance by which the mold fixing platens move away from each other for demolding at maximum mold parting line speed.	The force that can be applied to the ejector.
source_document_of_definition:	DIN 24450	DIN 24450
unit_of_measure:	mm	kN
code_of_unit:	UAA862	UAA573
alternative_unit_of_measure:	cm	
code_of_alternative_unit:	UAA375	
code_of_list_of_units:	UAD072	UAD054
data_type:	REAL	REAL
value_format:	NR2..4	NR2

UML-Name:	screwType	machineCycleCounter
UML-Klasse:	InjectionMoldingMachine	InjectionMoldingMachine
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/screwType	http://www.iop.rwth-aachen.de/IM/1/1/machineCycleCounter
preferred_name:	type of screw	machine cycle counter
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A55	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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/injectionMoldingMachine
definition:	Indicates which type of screw is currently set up on the machine.	The MachineCycleCounter Variable represents the number of finished cycles in the machine lifetime.
source_document_of_definition:	<own_definition>	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

UML-Name:	dryCycleTime	moldId
UML-Klasse:	InjectionMoldingMachine	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/dryCycleTime	http://www.iop.rwth-aachen.de/IM/1/1/moldId
preferred_name:	dry cycle time	mold identificator
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_drycycle}	
data_element_type_class:	T07	A62
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/injectionMoldingMachine	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	Measure of the basic speed of the machine. It includes all cycle operations except plasticizing, mold filling, and cooling of the molded part.	Unique identification of the mold.
source_document_of_definition:	DIN 24450	<own_definition>
unit_of_measure:	s	none
code_of_unit:	UAA972	
alternative_unit_of_measure:	min	
code_of_alternative_unit:	UAA842	
code_of_list_of_units:	UAD197	
data_type:	REAL	STRING
value_format:	NR2..5	X..40

UML-Name:	moldDepth	moldHeight
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldDepth	http://www.iop.rwth-aachen.de/IM/1/1/moldHeight
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:	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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
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

UML-Name:	moldWidth	moldInsertDepth
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldWidth	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertDepth
preferred_name:	mold width	mold insert depth
synonymous_name:	die width	die insert depth
short_name:		
preferred_letter_symbol:	w_mold}	d_moldinsert}
data_element_type_class:	T03	T03
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	The dimension of the mold that corresponds with the width of the adapter plate of the injection molding machine.	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:	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:	moldInsertHeight	moldInsertWidth
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertHeight	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertWidth
preferred_name:	mold insert height	mold insert width
synonymous_name:	die insert height	die insert width
short_name:		
preferred_letter_symbol:	h_moldinsert}	w_moldinsert}
data_element_type_class:	T03	T03
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	The dimension of the mold's insert height aligns with the mold's height.	The dimension of the mold's insert width aligns with the mold's width.
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

UML-Name:	adapterType	numberOfCavities
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/adapterType	http://www.iop.rwth-aachen.de/IM/1/1/numberOfCavities
preferred_name:	adapter type	number of cavities
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A58	A56
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	Type of the adapter.	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:	<own_definition>	<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
UML-Name:	numberOfSensorHoles	numberOfClosedLoops
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/numberOfSensorHoles	http://www.iop.rwth-aachen.de/IM/1/1/numberOfClosedLoops
preferred_name:	number of sensor holes	number of closed loops
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A56	A56
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	Number of holes where sensors can be mounted, e.g., for monitoring the cavity pressure or temperature.	Number of closed loops within the mold.
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

UML-Name:	coolant	ejectorForce
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/coolant	http://www.iop.rwth-aachen.de/IM/1/1/ejectorForce
preferred_name:	coolant	ejector force
synonymous_name:	temperature medium	
short_name:		
preferred_letter_symbol:		F_eject}
data_element_type_class:	A55	K09
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	Type of medium the asset operates with.	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

UML-Name:	storageLocation	status
UML-Klasse:	Mold	Mold
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/storageLocation	http://www.iop.rwth-aachen.de/IM/1/1/status
preferred_name:	storage location	mold status
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A12	A62
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/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold
definition:	The place where the asset is stored.	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:	moldInsertId	moldInsertDepth
UML-Klasse:	MoldInsert	MoldInsert
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertId	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertDepth
preferred_name:	mold insert identificator	mold insert depth
synonymous_name:		die insert depth
short_name:		
preferred_letter_symbol:		d_moldinsert }
data_element_type_class:	A62	T03
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/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert
definition:	Unique identification of the mold insert.	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

UML-Name:	moldInsertHeight	moldInsertWidth
UML-Klasse:	MoldInsert	MoldInsert
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertHeight	http://www.iop.rwth-aachen.de/IM/1/1/moldInsertWidth
preferred_name:	mold insert height	mold insert width
synonymous_name:	die insert height	die insert width
short_name:		
preferred_letter_symbol:	h_moldinsert }	w_moldinsert }
data_element_type_class:	T03	T03
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/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert
definition:	The dimension of the mold's insert height aligns with the mold's height.	The dimension of the mold's insert width aligns with the mold's width.
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

UML-Name:	numberOfCavities	numberOfSensorHoles
UML-Klasse:	MoldInsert	MoldInsert
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/numberOfCavities	http://www.iop.rwth-aachen.de/IM/1/1/numberOfSensorHoles
preferred_name:	number of cavities	number of sensor holes
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A56	A56
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/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert
definition:	Number of the cavities that are ready for operation, subsequently the number of parts that can be produced within a single cycle.	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
UML-Name:	adapterType	coolant
UML-Klasse:	MoldInsert	MoldInsert
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/adapterType	http://www.iop.rwth-aachen.de/IM/1/1/coolant
preferred_name:	adapter type	coolant
synonymous_name:		temperature medium
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A58	A55
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/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert
definition:	Type of the adapter.	Type of medium the asset operates with.
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

UML-Name:	storageLocation	partId
UML-Klasse:	MoldInsert	Part
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/IM/1/1/storageLocation	http://www.iop.rwth-aachen.de/PPC/1/1/partId
preferred_name:	storage location	part identifier
synonymous_name:		material identifier
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A12	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/moldInsert	http://www.iop.rwth-aachen.de/PPC/1/1/part
definition:	The place where the asset is stored.	Unique identification 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:	STRING	STRING
value_format:	X..40	X..40

UML-Name:	name	alternativeName
UML-Klasse:	Part	Part
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/name	http://www.iop.rwth-aachen.de/PPC/1/1/alternativeName
preferred_name:	name	alternative name
synonymous_name:		
short_name:	@NAME	
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
definition:	Name of the asset.	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:	STRING	STRING
value_format:	X..40	X..40

UML-Name:	baseQuantityUnit	netWeight
UML-Klasse:	Part	Part
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/baseQuantityUnit	http://www.iop.rwth-aachen.de/PPC/1/1/netWeight
preferred_name:	base quantity unit	netto weight
synonymous_name:	base unit of measure	
short_name:		
preferred_letter_symbol:		m_net}
data_element_type_class:	A62	K01
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
definition:	Unit of measure in which the stock of a material is managed.	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:	Production Planning and Control with SAP ERP, 2013, ISBN: 9781592298686	<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:	???	REAL
value_format:	X..10	NR2..5

UML-Name:	isCoProduct	status
UML-Klasse:	Part	Part
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/isCoProduct	http://www.iop.rwth-aachen.de/PPC/1/1/status
preferred_name:	is co-product of	status
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
definition:	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.	The current condition, process (step), etc., of an asset/entity.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<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	ENUM.STRING
value_format:	B 1	X..40

UML-Name:	tempDeviceId	plannedTemperature
UML-Klasse:	TemperatureControlDevice	TemperatureControlDevice
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/tempDeviceId	http://www.iop.rwth-aachen.de/IM/1/1/plannedTemperature
preferred_name:	temperature control unit identificator	planned temperature
synonymous_name:		
short_name:		
preferred_letter_symbol:		_planned}
data_element_type_class:	A62	H02
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice
definition:	Unique identification of the temperature control unit.	Setting and/or monitoring of the temperature in the main or return line.
source_document_of_definition:	<own_definition>	EUROMAP 82.1
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
value_format:	X..40	NR2..3

UML-Name:	tempMax	tempMainLine
UML-Klasse:	TemperatureControlDevice	TemperatureControlDevice
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/tempMax	http://www.iop.rwth-aachen.de/IM/1/1/tempMainLine
preferred_name:	maximum temperature	temperature main line
synonymous_name:		
short_name:		
preferred_letter_symbol:	_max}	_mainline}
data_element_type_class:	H02	H02
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice
definition:	Defines the maximum working or ambient temperature.	The actual temperature in the main 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..3	NR2..3

UML-Name:	tempReturnLine	preHeatingDuration
UML-Klasse:	TemperatureControlDevice	TemperatureControlDevice
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/tempReturnLine	http://www.iop.rwth-aachen.de/IM/1/1/preHeatingDuration
preferred_name:	temperature return line	pre-heating duration
synonymous_name:		
short_name:		
preferred_letter_symbol:	_returnline}	t_preheat}
data_element_type_class:	H02	T07
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice
definition:	The actual temperature in the return line.	The time the asset needs to reach the planned temperature.
source_document_of_definition:	EUROMAP 82.1	<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_MEASURE	REAL
value_format:	NR2..3	NR2..4

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

UML-Name:	currentFlowRate	nominalFlowRate
UML-Klasse:	TemperatureControlDevice	TemperatureControlDevice
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/currentFlowRate	http://www.iop.rwth-aachen.de/IM/1/1/nominalFlowRate
preferred_name:	current flow rate	nominal flow rate
synonymous_name:	actual flow rate	max flow rate
short_name:		
preferred_letter_symbol:	q_act}	q_nom}
data_element_type_class:	K30	K30
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice
definition:	Current flow rate, defines the actual flow rate of the temperature control device.	Nominal flow rate, defines the maximum achievable flow rate of the temperature control device.
source_document_of_definition:	<own_definition>	EUROMAP 82.1
unit_of_measure:	l/min	l/min
code_of_unit:	UAA659	UAA659
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD239	UAD239
data_type:	REAL_MEASURE	REAL
value_format:	NR2	NR2

UML-Name:	adapterType	channelType
UML-Klasse:	TemperatureControlDevice	TemperatureControlDevice
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/adapterType	http://www.iop.rwth-aachen.de/IM/1/1/channelType
preferred_name:	adapter type	channel type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A58	A58
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice
definition:	Type of the adapter.	Defines if the channel type is for hot or cold runners.
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:	coolant	deviceId
UML-Klasse:	TemperatureControlDevice	HandlingDevice
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/IM/1/1/coolant	http://www.iop.rwth-aachen.de/PPC/1/1/deviceId
preferred_name:	coolant	handling device identificator
synonymous_name:	temperature medium	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A55	A62
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/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice
definition:	Type of medium the asset operates with.	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
UML-Name:	deviceType	throughput
UML-Klasse:	HandlingDevice	HandlingDevice
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/deviceType	http://www.iop.rwth-aachen.de/PPC/1/1/throughput
preferred_name:	device type	throughput
synonymous_name:		
short_name:		@TH
preferred_letter_symbol:		q.th}
data_element_type_class:	A55	K29
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/handlingDevice	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice
definition:	Classification of the type the handling device can be assigned.	The number/amount of any material moved from one location to another in a specific time interval.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	kg/h
code_of_unit:		UAA607
alternative_unit_of_measure:		l/min
code_of_alternative_unit:		UAA659
code_of_list_of_units:		UAD107
data_type:	ENUM.STRING	REAL
value_format:	X..40	NR2..4

UML-Name:	dryerId	dryingType
UML-Klasse:	Dryer	Dryer
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/dryerId	http://www.iop.rwth-aachen.de/IM/1/1/dryingType
preferred_name:	dryer identificator	drying type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A55
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/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/dryer
definition:	Unique identification of the dryer.	Type of dryer.
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

UML-Name:	dryingTemperature	temperatureMax
UML-Klasse:	Dryer	Dryer
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/dryingTemperature	http://www.iop.rwth-aachen.de/IM/1/1/temperatureMax
preferred_name:	drying temperature	maximum temperature
synonymous_name:		
short_name:		
preferred_letter_symbol:	_drying}	_max}
data_element_type_class:	H02	H02
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/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/dryer
definition:	The current drying 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..3	NR2..3

UML-Name:	heatingPower	preHeatingDuration
UML-Klasse:	Dryer	Dryer
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/heatingPower	http://www.iop.rwth-aachen.de/IM/1/1/preHeatingDuration
preferred_name:	heating power	pre-heating duration
synonymous_name:		
short_name:		
preferred_letter_symbol:	p_heating}	t_preheat}
data_element_type_class:	K27	T07
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/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/dryer
definition:	The power that is necessary to reach the planned temperature.	The time the asset needs to reach the planned temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kW	min
code_of_unit:	UAA583	UAA842
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD003	UAD197
data_type:	REAL	REAL
value_format:	NR2	NR2..3

UML-Name:	pressurePortType	airQuantity
UML-Klasse:	Dryer	Dryer
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/pressurePortType	http://www.iop.rwth-aachen.de/IM/1/1/airQuantity
preferred_name:	pressure port type	air quantity
synonymous_name:		
short_name:		
preferred_letter_symbol:		q_air}
data_element_type_class:	A58	K30
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/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/dryer
definition:	Type of port to connect a pressure unit.	Quantity of air the dryer can provide in an hour.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	none	m ³ /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

UML-Name:	throughput	volume
UML-Klasse:	Dryer	Dryer
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/PPC/1/1/throughput	http://www.iop.rwth-aachen.de/IM/1/1/volume
preferred_name:	throughput	volume
synonymous_name:		
short_name:	@TH	
preferred_letter_symbol:		V
data_element_type_class:	K29	T06
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/dryer	http://www.iop.rwth-aachen.de/PPC/1/1/dryer
definition:	The number/amount of any material moved from one location to another in a specific time interval.	The volume the asset can store or proceed at once.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kg/h	m ³
code_of_unit:	UAA607	UAA757
alternative_unit_of_measure:	l/min	
code_of_alternative_unit:	UAA659	
code_of_list_of_units:	UAD107	UAD238
data_type:	REAL	REAL
value_format:	NR2	NR2
UML-Name:	containerId	resinForm
UML-Klasse:	TransportContainer	TransportContainer
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/containerId	http://www.iop.rwth-aachen.de/IM/1/1/resinForm
preferred_name:	transport container identificator	resin form
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A57
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/transportContainer	http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer
definition:	Unique identification of the transport container.	The form of the resin.
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:	chargeState	netWeight
UML-Klasse:	TransportContainer	TransportContainer
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/chargeState	http://www.iop.rwth-aachen.de/PPC/1/1/netWeight
preferred_name:	charge state	netto weight
synonymous_name:		
short_name:		
preferred_letter_symbol:		m_net}
data_element_type_class:	A59	K01
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/transportContainer	http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer
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.	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:	BOOLEAN	REAL
value_format:	???	NR2..5

UML-Name:	transportVolumeMax	throughput
UML-Klasse:	TransportContainer	TransportContainer
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/transportVolumeMax	http://www.iop.rwth-aachen.de/PPC/1/1/throughput
preferred_name:	maximum transport volume	throughput
synonymous_name:	maximum transport load	
short_name:		@TH
preferred_letter_symbol:	m_transport}	q_th}
data_element_type_class:	T06	K29
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/transportContainer	http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer
definition:	The maximum volume a transport container can load.	The number/amount of any material moved from one location to another in a specific time interval.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kg	kg/h
code_of_unit:	UAD720	UAA607
alternative_unit_of_measure:	1	l/min
code_of_alternative_unit:		UAA659
code_of_list_of_units:	UAD104	UAD107
data_type:	REAL	REAL
value_format:	NR2..4	NR2

UML-Name:	conveyorId	convType
UML-Klasse:	Conveyor	Conveyor
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyorId	http://www.iop.rwth-aachen.de/PPC/1/1/convType
preferred_name:	conveyor identifier	conveyor type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A54
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/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor
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

UML-Name:	resinForm	chargeState
UML-Klasse:	Conveyor	Conveyor
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/IM/1/1/resinForm	http://www.iop.rwth-aachen.de/PPC/1/1/chargeState
preferred_name:	resin form	charge state
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A57	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/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor
definition:	The form of the resin.	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.
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	BOOLEAN
value_format:	X..40	???

UML-Name:	transportVolumeMax	throughput
UML-Klasse:	Conveyor	Conveyor
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/transportVolumeMax	http://www.iop.rwth-aachen.de/PPC/1/1/throughput
preferred_name:	maximum transport volume	throughput
synonymous_name:	maximum transport load	
short_name:		@TH
preferred_letter_symbol:	m_transport}	q_th}
data_element_type_class:	T06	K29
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/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor
definition:	The maximum volume a transport container can load.	The number/amount of any material moved from one location to another in a specific time interval.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	kg	kg/h
code_of_unit:	UAD720	UAA607
alternative_unit_of_measure:	1	l/min
code_of_alternative_unit:		UAA659
code_of_list_of_units:	UAD104	UAD107
data_type:	REAL	REAL
value_format:	NR2..4	NR2

UML-Name:	scaleId	weightMax
UML-Klasse:	Scale	Scale
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/scaleId	http://www.iop.rwth-aachen.de/PPC/1/1/weightMax
preferred_name:	scale identifier	maximum weight
synonymous_name:		
short_name:		
preferred_letter_symbol:		m_max}
data_element_type_class:	A62	K01
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/scale	http://www.iop.rwth-aachen.de/PPC/1/1/scale
definition:	Unique identification of the scale.	Maximum weight that the scale can handle and/or display.
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..4

UML-Name:	partId	quantity
UML-Klasse:	SalesDocument	SalesDocument
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partId	http://www.iop.rwth-aachen.de/PPC/1/1/quantity
preferred_name:	part identifier	quantity
synonymous_name:	material identifier	amount
short_name:		@QTY
preferred_letter_symbol:		
data_element_type_class:	A62	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
definition:	Unique identification of the part.	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.
source_document_of_definition:	<own_definition>	<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	REAL
value_format:	X..40	NR2..8.2
UML-Name:	baseQuantityUnit	customerId
UML-Klasse:	SalesDocument	SalesDocument
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/baseQuantityUnit	http://www.iop.rwth-aachen.de/PPC/1/1/customerId
preferred_name:	base quantity unit	customer identifier
synonymous_name:	base unit of measure	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
definition:	Unit of measure in which the stock of a material is managed.	Unique identification of the customer.
source_document_of_definition:	Production Planning and Control with SAP ERP, 2013, ISBN: 9781592298686	<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
value_format:	X..10	X..40

UML-Name:	desiredDueDate	destination
UML-Klasse:	SalesDocument	SalesDocument
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/desiredDueDate	http://www.iop.rwth-aachen.de/PPC/1/1/destination
preferred_name:	desired due date	destination
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A11
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
definition:	The date when the customer the product desires for use.	The destination the customer declared where the article(s) should be delivered to.
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:	DATE_TIME	STRING
value_format:	X 10	X..40

UML-Name:	technicalAttributes	salesPriceMax
UML-Klasse:	SalesDocument	SalesDocument
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAttributes	http://www.iop.rwth-aachen.de/PPC/1/1/salesPriceMax
preferred_name:	technical attributes	sales price maximum
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	P51
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
definition:	The technical specifications of the customer to manufacture the desired part.	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:	?????	REAL_CURRENCY
value_format:	X..40	NR2 2.2

UML-Name:	priority	sdStatus
UML-Klasse:	SalesDocument	SalesDocument
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/priority	http://www.iop.rwth-aachen.de/PPC/1/1/sdStatus
preferred_name:	priority	status
synonymous_name:		
short_name:	@PRIO	
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
definition:	In a general sense, the relative importance of orders (i.e., the sequence in which orders should be worked on).	The current condition, process (step), etc., of an asset/entity.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<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

UML-Name:	inquiryId	salesOrderId
UML-Klasse:	Inquiry	SalesOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/inquiryId	http://www.iop.rwth-aachen.de/PPC/1/1/salesOrderId
preferred_name:	inquiry identificator	sales order 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/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/inquiry	http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder
definition:	Unique identification of the inquiry.	Unique identification of the sales order.
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

UML-Name:	plannedDueDate	salesPricePlanned
UML-Klasse:	SalesOrder	SalesOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plannedDueDate	http://www.iop.rwth-aachen.de/PPC/1/1/salesPricePlanned
preferred_name:	planned due date	planned sales price
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	P51
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder	http://www.iop.rwth-aachen.de/PPC/1/1/salesOrder
definition:	The date when purchased material or production material is planned to be available for use.	The sales price is the amount charged for the product offering.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	none	€
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	DATE_TIME	REAL_CURRENCY
value_format:	X 10	NR2 2.2

UML-Name:	productionOrderId	plannedQuantity
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrderId	http://www.iop.rwth-aachen.de/PPC/1/1/plannedQuantity
preferred_name:	production order identificator	planned quantity
synonymous_name:	job order identificator	amount
short_name:		@QTY
preferred_letter_symbol:		
data_element_type_class:	A62	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	Unique identification of the production order.	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.
source_document_of_definition:	IEC 62264-4	<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	REAL
value_format:	X	NR2..8.2

UML-Name:	actaulQuantity	plannedStartDate
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actaulQuantity	http://www.iop.rwth-aachen.de/PPC/1/1/plannedStartDate
preferred_name:	actual quantity	planned start date
synonymous_name:	total quantity	scheduled start date
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	The quantities (OK parts, rejects) that occur during production are shown in this container.	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:	VDI 5600 Part 3	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_MEASURE	DATE_TIME
value_format:	NR2..8.2	X 10

UML-Name:	actualStartDate	plannedEndDate
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualStartDate	http://www.iop.rwth-aachen.de/PPC/1/1/plannedEndDate
preferred_name:	actual start date	planned end date
synonymous_name:		scheduled finished date
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	The date on which an activity was started.	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:	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

UML-Name:	actualEndDate	plannedDuration
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualEndDate	http://www.iop.rwth-aachen.de/PPC/1/1/plannedDuration
preferred_name:	actual end date	planned duration
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_plan}
data_element_type_class:	A31	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	The date on which an activity in a project was completed.	The difference between the planned start date and the planned end date.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<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:	DATE_TIME	REAL
value_format:	X 10	NR2..6.2

UML-Name:	actualDuration	internalDestination
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualDuration	http://www.iop.rwth-aachen.de/PPC/1/1/internalDestination
preferred_name:	actual duration	internal destination
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_act}	
data_element_type_class:	T07	A12
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	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).	The destination inside the enterprise/plant where the finished production order should be delivered to.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<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_MEASURE	STRING
value_format:	NR2..6.2	X..40

UML-Name:	plannedCosts	actualCosts
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plannedCosts	http://www.iop.rwth-aachen.de/PPC/1/1/actualCosts
preferred_name:	planned costs	actual costs
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	P51	P51
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
definition:	Planned costs for a production order.	The labor, material, and associated overhead costs that are charged against a job as it moves through the production process.
source_document_of_definition:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	€	€
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL_CURRENCY	REAL_CURRENCY
value_format:	NR2 2.2	NR2 2.2

UML-Name:	rejectionRate	priority
UML-Klasse:	ProductionOrder	ProductionOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/rejectionRate	http://www.iop.rwth-aachen.de/PPC/1/1/priority
preferred_name:	rejection rate	priority
synonymous_name:	scrap rate	
short_name:		@PRIO
preferred_letter_symbol:	RR	
data_element_type_class:	R81	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
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.	In a general sense, the relative importance of orders (i.e., the sequence in which orders should be worked on).
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
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
UML-Name:	poStatus	ppcOptModelId
UML-Klasse:	ProductionOrder	OptimizationModel
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/poStatus	http://www.iop.rwth-aachen.de/PPC/1/1/ppcOptModelId
preferred_name:	status	optimization model 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/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/optimizationModel
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

UML-Name:	replenishmentTime	vendorId
UML-Klasse:	RawMaterial	RawMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/replenishmentTime	http://www.iop.rwth-aachen.de/PPC/1/1/vendorId
preferred_name:	replenishment lead time	vendor identifier
synonymous_name:		supplier identifier
short_name:		
preferred_letter_symbol:	t_replenish}	
data_element_type_class:	T07	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial
definition:	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.	Unique identification of a vendor that is a provider of goods or services.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	d	none
code_of_unit:	UAA407	
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:	vendorName	tradeName
UML-Klasse:	RawMaterial	RawMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/vendorName	http://www.iop.rwth-aachen.de/PPC/1/1/tradeName
preferred_name:	vendor name	trade name
synonymous_name:	supplier name	commercial name
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial
definition:	The name of a vendor that is a provider of goods or services.	The designation of an article, part, chemical compound, etc., as a wordmark.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<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

UML-Name:	unitPrice	purchaseOrderId
UML-Klasse:	RawMaterial	PurchaseOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/unitPrice	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrderId
preferred_name:	unit price	purchase order identifier
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	P51	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/rawMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder
definition:	Price for one unit of the raw material, the vendor declared.	Unique identification of the purchase 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:	REAL_CURRENCY	STRING
value_format:	NR2 2.2	X..40

UML-Name:	quantity	desiredDeliveryDate
UML-Klasse:	PurchaseOrder	PurchaseOrder
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/quantity	http://www.iop.rwth-aachen.de/PPC/1/1/desiredDeliveryDate
preferred_name:	quantity	desired delivery date
synonymous_name:	amount	
short_name:	@QTY	
preferred_letter_symbol:		
data_element_type_class:	A71	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder	http://www.iop.rwth-aachen.de/PPC/1/1/purchaseOrder
definition:	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.	Date when the subject of the order or purchase order is to be available at the place of destination.
source_document_of_definition:	<own_definition>	VDI 2815 Part 4
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

UML-Name:	chemicalLetter	resinForm
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/chemicalLetter	http://www.iop.rwth-aachen.de/IM/1/1/resinForm
preferred_name:	chemical letter	resin form
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A57
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
definition:	Definition of the exact chemical composition in the form of letters from the periodic table of the elements.	Type of granular.
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	X..40

UML-Name:	particleSize	particleShape
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/particleSize	http://www.iop.rwth-aachen.de/IM/1/1/particleShape
preferred_name:	particle size	particle shape
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_particle}	
data_element_type_class:	T03	A58
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
definition:	Average size of the plastic granulate's single particle.	General form of the plastic granulate's single particle.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	m	none
code_of_unit:	UAA090	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD072	
data_type:	REAL_MEASURE	ENUM.STRING
value_format:	NR2	X..40

UML-Name:	particleSizeDistribution	freeFlowingProperty
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/particleSizeDistribution	http://www.iop.rwth-aachen.de/IM/1/1/freeFlowingProperty
preferred_name:	particle size distribution	free flowing property
synonymous_name:		
short_name:		
preferred_letter_symbol:	d_particledist}	
data_element_type_class:	T03	A58
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
definition:	The distribution of all plastics granulate's single particles regarding its size within a defined system or setting.	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:	m	none
code_of_unit:	UAA090	
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD072	
data_type:	REAL_MEASURE	STRING
value_format:	NR2	X..40

UML-Name:	compactedApparentDensity	apparentDensity
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/compactedApparentDensity	http://www.iop.rwth-aachen.de/IM/1/1/apparentDensity
preferred_name:	compacted apparent density	apparent density
synonymous_name:		
short_name:		
preferred_letter_symbol:	_apparent,comp}	_apparent}
data_element_type_class:	C11	C11
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
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.	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.
source_document_of_definition:	DIN 53466	DIN 53466
unit_of_measure:	g/cm ³	g/cm ³
code_of_unit:	UAA469	UAA469
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD106	UAD106
data_type:	REAL	REAL
value_format:	NR2	NR2
UML-Name:	plannedDryingLevel	actualDryingLevel
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	IM	IM
code:	http://www.iop.rwth-aachen.de/IM/1/1/plannedDryingLevel	http://www.iop.rwth-aachen.de/IM/1/1/actualDryingLevel
preferred_name:	planned drying level	actual drying level
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	K29	K29
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
definition:	The planned drying level of a plastic granulate is the opposite of the moisture level.	The actual drying level of a plastic granulate that is the opposite of the level of moisture.
source_document_of_definition:	<own.definition>	<own.definition>
unit_of_measure:	mg/l	mg/l
code_of_unit:	UAA827	UAA827
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD106	UAD106
data_type:	REAL	REAL_MEASURE
value_format:	NR2	NR2

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

UML-Name:	temperature	residenceTime
UML-Klasse:	PlasticsGranulate	PlasticsGranulate
Domain:	PPC	IM
code:	http://www.iop.rwth-aachen.de/PPC/1/1/temperature	http://www.iop.rwth-aachen.de/IM/1/1/residenceTime
preferred_name:	temperature	residence time
synonymous_name:		
short_name:	@TEMP	
preferred_letter_symbol:		t_resdence}
data_element_type_class:	H02	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/part
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
definition:	The current temperature.	The duration the material is stored until it is (pre-)processed.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	°C	d
code_of_unit:	UAA033	UAA407
alternative_unit_of_measure:	K	
code_of_alternative_unit:	UAA185	
code_of_list_of_units:	UAD023	UAD197
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2 S..2.2	NR2..4

UML-Name:	isRecyclate	batchId
UML-Klasse:	PlasticsGranulate	Batch
Domain:	IM	PPC
code:	http://www.iop.rwth-aachen.de/IM/1/1/isRecyclate	http://www.iop.rwth-aachen.de/PPC/1/1/batchId
preferred_name:	is recyclate	batch identifier
synonymous_name:		lot identifier
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A57	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part	http://www.iop.rwth-aachen.de/PPC/1/1/batch
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/batch
definition:	True, if the material is a recyclate.	Unique identification of the batch.
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

UML-Name:	batchSize	resourceUsage
UML-Klasse:	Batch	Batch
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/batchSize	http://www.iop.rwth-aachen.de/PPC/1/1/resourceUsage
preferred_name:	batch size	resource usage
synonymous_name:	lot size	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A53	A55
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/batch	http://www.iop.rwth-aachen.de/PPC/1/1/batch
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/batch	http://www.iop.rwth-aachen.de/PPC/1/1/batch
definition:	Defines the required size or scaling factor for the batch.	Defines the use of operating resources for this batch plan entry.
source_document_of_definition:	DIN EN 61512-2	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:	REAL_MEASURE	ENUM_STRING
value_format:	N..7	X..40

UML-Name:	status	bomId
UML-Klasse:	Batch	BillOfMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/status	http://www.iop.rwth-aachen.de/PPC/1/1/bomId
preferred_name:	status	bill of material 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/batch	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/batch	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial
definition:	The current condition, process (step), etc. of an asset/entity.	Unique identification of the bill of material.
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

UML-Name:	version	bomAlternative
UML-Klasse:	BillOfMaterial	BillOfMaterial
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/version	http://www.iop.rwth-aachen.de/PPC/1/1/bomAlternative
preferred_name:	version	bill of material alternative
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial
definition:	Versions represent the evolution of an asset.	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:	INTEGER	INTEGER
value_format:	NR1..3	NR1..3

UML-Name:	status	bomPositionId
UML-Klasse:	BillOfMaterial	BOMPosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/status	http://www.iop.rwth-aachen.de/PPC/1/1/bomPositionId
preferred_name:	status	bom position 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/billOfMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
definition:	The current condition, process (step), etc. of an asset/entity.	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:	ENUM.STRING	REAL
value_format:	X..40	N..4

UML-Name:	partId	name
UML-Klasse:	BOMPosition	BOMPosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partId	http://www.iop.rwth-aachen.de/PPC/1/1/name
preferred_name:	part identificator	name
synonymous_name:	material identificator	
short_name:	@MAT	@NAME
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
definition:	Unique identification of the part.	Name of the asset.
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

UML-Name:	quantity	baseQuantityUnit
UML-Klasse:	BOMPosition	BOMPosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/quantity	http://www.iop.rwth-aachen.de/PPC/1/1/baseQuantityUnit
preferred_name:	quantity	base quantity unit
synonymous_name:	amount	base unit of measure
short_name:	@QTY	
preferred_letter_symbol:		
data_element_type_class:	A71	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition
definition:	The quantity is needed to fulfill the customer's demand, purchase raw material, or manufacture a part.	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:	1	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	???
value_format:	NR2..8.2	X..10

UML-Name:	routingId	version
UML-Klasse:	Routing	Routing
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/routingId	http://www.iop.rwth-aachen.de/PPC/1/1/version
preferred_name:	routing identifier	version
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:	Unique identification of the routing.	Versions represent the evolution of an asset.
source_document_of_definition:	<own_definition>	<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

UML-Name:	routingAlternative	plannedStartDate
UML-Klasse:	Routing	Routing
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/routingAlternative	http://www.iop.rwth-aachen.de/PPC/1/1/plannedStartDate
preferred_name:	alternate routing	planned start date
synonymous_name:		scheduled start date
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A31
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.	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:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	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:	INTEGER	DATE_TIME
value_format:	NR1..3	X 10

UML-Name:	actualStartDate	plannedEndDate
UML-Klasse:	Routing	Routing
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualStartDate	http://www.iop.rwth-aachen.de/PPC/1/1/plannedEndDate
preferred_name:	actual start date	planned end date
synonymous_name:		scheduled finished date
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
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:	The date on which an activity was started.	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:	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

UML-Name:	actualEndDate	plannedDuration
UML-Klasse:	Routing	Routing
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualEndDate	http://www.iop.rwth-aachen.de/PPC/1/1/plannedDuration
preferred_name:	actual end date	planned duration
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_plan}
data_element_type_class:	A31	T07
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:	The date on which an activity in a project was completed.	The difference between the planned start date and the planned end date.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
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:	DATE_TIME	REAL
value_format:	X 10	NR2..6.2

UML-Name:	actualDuration	internalDesitnation
UML-Klasse:	Routing	Routing
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/actualDuration	http://www.iop.rwth-aachen.de/PPC/1/1/internalDesitnation
preferred_name:	actual duration	internal destination
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_act}	
data_element_type_class:	T07	A12
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:	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).	The destination inside the enterprise/plant where the finished production order should be delivered to.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	h	none
code_of_unit:	UAA525	
alternative_unit_of_measure:	min	
code_of_alternative_unit:	UAA842	
code_of_list_of_units:	UAD197	
data_type:	REAL_MEASURE	STRING
value_format:	NR2..6.2	X..40
UML-Name:	status	operationId
UML-Klasse:	Routing	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/status	http://www.iop.rwth-aachen.de/PPC/1/1/operationId
preferred_name:	status	operation identifier
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/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/routing	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	The current condition, process (step), etc., of an asset/entity.	Unique identification of the operation.
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

UML-Name:	plannedStartDate	actualStartDate
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plannedStartDate	http://www.iop.rwth-aachen.de/PPC/1/1/actualStartDate
preferred_name:	planned start date	actual start date
synonymous_name:	scheduled start date	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	An activity's planned start time is normally between the early start time and the late start time. It may reflect resource limitations.	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

UML-Name:	plannedEndDate	actualEndDate
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plannedEndDate	http://www.iop.rwth-aachen.de/PPC/1/1/actualEndDate
preferred_name:	planned end date	actual end date
synonymous_name:	scheduled finished date	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	An activity's planned finish time is normally between the early finish time and the late finish time. It may reflect resource limitations.	The date on which an activity in a project was completed.
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

UML-Name:	plannedDuration	actualDuration
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plannedDuration	http://www.iop.rwth-aachen.de/PPC/1/1/actualDuration
preferred_name:	planned duration	actual duration
synonymous_name:		
short_name:		
preferred_letter_symbol:	t_plan}	t_act}
data_element_type_class:	T07	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	The difference between the planned start date and the planned end date.	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:	min	min
code_of_unit:	UAA842	UAA842
alternative_unit_of_measure:	h	h
code_of_alternative_unit:	UAA525	UAA525
code_of_list_of_units:	UAD197	UAD197
data_type:	REAL	REAL_MEASURE
value_format:	NR2..6.2	NR2..6.2
UML-Name:	internalDesitnation	leadTime
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/internalDesitnation	http://www.iop.rwth-aachen.de/PPC/1/1/leadTime
preferred_name:	internal destination	lead time
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_lead}
data_element_type_class:	A12	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	The destination inside the enterprise/plant where the finished production order should be delivered to.	The time required for preparing the process step of a plant part.
source_document_of_definition:	<own_definition>	VDI 5600 Part 3
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

UML-Name:	setupTime	shutdownTime
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/setupTime	http://www.iop.rwth-aachen.de/PPC/1/1/shutdownTime
preferred_name:	setup time	shutdown time
synonymous_name:	setup lead time	
short_name:		
preferred_letter_symbol:	t_s}	t_shutdown}
data_element_type_class:	T07	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
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.	The time required for a specific machine, resource, work center, process, or line to shut down.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	<own_definition>
unit_of_measure:	min	min
code_of_unit:	UAA842	UAA842
alternative_unit_of_measure:	h	h
code_of_alternative_unit:	UAA525	UAA525
code_of_list_of_units:	UAD197	UAD197
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4
UML-Name:	personalTime	operationTime
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/personalTime	http://www.iop.rwth-aachen.de/PPC/1/1/operationTime
preferred_name:	personal time	operation time
synonymous_name:		cycle time
short_name:		
preferred_letter_symbol:	t_personal}	t_o}
data_element_type_class:	T07	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	The time required for a worker to perform an operation or is occupied with an operation.	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:	min	min
code_of_unit:	UAA842	UAA842
alternative_unit_of_measure:	h	h
code_of_alternative_unit:	UAA525	UAA525
code_of_list_of_units:	UAD197	UAD197
data_type:	REAL	REAL
value_format:	NR2..4.2	NR2..4.2

UML-Name:	waitTime	safetyTime
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/waitTime	http://www.iop.rwth-aachen.de/PPC/1/1/safetyTime
preferred_name:	waiting time	safety time
synonymous_name:		safety lead time
short_name:		
preferred_letter_symbol:	t_wati}	t_safety}
data_element_type_class:	T07	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
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.	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:	min	min
code_of_unit:	UAA842	UAA842
alternative_unit_of_measure:	h	h
code_of_alternative_unit:	UAA525	UAA525
code_of_list_of_units:	UAD197	UAD197
data_type:	REAL	REAL
value_format:	NR2..4	NR2..4

UML-Name:	reqQualificationLevel	statusOp
UML-Klasse:	Operation	Operation
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/reqQualificationLevel	http://www.iop.rwth-aachen.de/PPC/1/1/statusOp
preferred_name:	required qualification level	status
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation
definition:	The level of qualification in the form of specific knowledge of a worker is needed to perform a process or operation.	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:	grossStock	reservedStock
UML-Klasse:	InventoryData	InventoryData
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/grossStock	http://www.iop.rwth-aachen.de/PPC/1/1/reservedStock
preferred_name:	gross stock	reserved stock
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
definition:	Overall stock that includes all types of stock (reserved, purchased, blocked, safety, available).	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:	1	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	REAL
value_format:	NR2..8.2	NR2..8.2

UML-Name:	purchasedStock	blockedStock
UML-Klasse:	InventoryData	InventoryData
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/purchasedStock	http://www.iop.rwth-aachen.de/PPC/1/1/blockedStock
preferred_name:	purchased stock	blocked stock
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
definition:	Purchased quantity that actually is not on physical stock but will arrive soon.	Quantity of stock that is not available for usage due to quality issues or inspections.
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:	REAL	REAL
value_format:	NR2..8.2	NR2..8.2

UML-Name:	safetyStock	availableStock
UML-Klasse:	InventoryData	InventoryData
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/safetyStock	http://www.iop.rwth-aachen.de/PPC/1/1/availableStock
preferred_name:	safety stock	available stock
synonymous_name:	buffer stock	
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A71	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
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.	Quantity of the material, product, commodity, and resources on stock at a given time.
source_document_of_definition:	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411	VDI 2815 Part 4
unit_of_measure:	1	1
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	REAL	REAL
value_format:	NR2..8.2	NR2..8.2

UML-Name:	isStackable	replenishmentTime
UML-Klasse:	InventoryData	InventoryData
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/stagingType	http://www.iop.rwth-aachen.de/PPC/1/1/replenishmentTime
preferred_name:	is stackable	replenishment lead time
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_replenish}
data_element_type_class:	A62	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData	http://www.iop.rwth-aachen.de/PPC/1/1/inventoryData
definition:	True, if the material or transport containers are stackable or allowed to stack.	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:	<own_definition>	APICS Dictionary, 13 ed., 2010, ISBN: 9780615394411
unit_of_measure:	none	d
code_of_unit:		UAA407
alternative_unit_of_measure:		h
code_of_alternative_unit:		UAA525
code_of_list_of_units:		UAD197
data_type:	BOOLEAN	REAL
value_format:	X..3	NR2..4
UML-Name:	storageId	name
UML-Klasse:	Storage	Storage
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/storageId	http://www.iop.rwth-aachen.de/PPC/1/1/name
preferred_name:	storage identificator	name
synonymous_name:		
short_name:		@NAME
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
definition:	Unique identification of the storage.	Name of the asset.
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

UML-Name:	storageType	capacityMax
UML-Klasse:	Storage	Storage
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/storageType	http://www.iop.rwth-aachen.de/PPC/1/1/capacityMax
preferred_name:	storage type	maximum capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
definition:	The storage type (octabin, silo, specific box, specific container, etc.).	The maximum number or amount of things an asset can carry.
source_document_of_definition:	<own_definition>	<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:	ENUM.STRING	REAL
value_format:	X..40	NR2..8.2

UML-Name:	currentLoad	temperature
UML-Klasse:	Storage	Storage
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/currentLoad	http://www.iop.rwth-aachen.de/PPC/1/1/temperature
preferred_name:	current load	temperature
synonymous_name:		
short_name:		@TEMP
preferred_letter_symbol:		
data_element_type_class:	A71	H02
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
definition:	The current number or amount of things an asset carries.	The current temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	°C
code_of_unit:		UAA033
alternative_unit_of_measure:		K
code_of_alternative_unit:		UAA185
code_of_list_of_units:		UAD023
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2..8.2	NR2 S..2.2

UML-Name:	humidity	barometricPressure
UML-Klasse:	Storage	Storage
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/humidity	http://www.iop.rwth-aachen.de/PPC/1/1/barometricPressure
preferred_name:	humidity	barometric pressure
synonymous_name:		
short_name:		
preferred_letter_symbol:	f_humidity}	p_0}
data_element_type_class:	R81	K15
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storage	http://www.iop.rwth-aachen.de/PPC/1/1/storage
definition:	The current humidity of the asset.	The barometric pressure of the asset.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	%	hPa
code_of_unit:	UAA000	UAA527
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD154	UAD142
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2..3.2	NR2..4.2

UML-Name:	storagePosId	name
UML-Klasse:	StoragePosition	StoragePosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosId	http://www.iop.rwth-aachen.de/PPC/1/1/name
preferred_name:	storage position identifier	name
synonymous_name:		
short_name:		@NAME
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
definition:	Unique identification of the storage position.	Name of the asset.
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

UML-Name:	storageType	materialType
UML-Klasse:	StoragePosition	StoragePosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/storageType	http://www.iop.rwth-aachen.de/PPC/1/1/materialType
preferred_name:	storage type	material type
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A57
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
definition:	The storage type (octabin, silo, specific box, specific container, etc.).	The type of material specifies the physical or chemical super class the material can be assigned to.
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
UML-Name:	allowDiverseMat	capacityMax
UML-Klasse:	StoragePosition	StoragePosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/allowDiverseMat	http://www.iop.rwth-aachen.de/PPC/1/1/capacityMax
preferred_name:	allow diverse materials	maximum capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A57	A71
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
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.	The maximum number or amount of things an asset can carry.
source_document_of_definition:	<own_definition>	<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:	BOOLEAN	REAL
value_format:	B 1	NR2..8.2

UML-Name:	currentLoad	temperature
UML-Klasse:	StoragePosition	StoragePosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/currentLoad	http://www.iop.rwth-aachen.de/PPC/1/1/temperature
preferred_name:	current load	temperature
synonymous_name:		
short_name:		@TEMP
preferred_letter_symbol:		
data_element_type_class:	A71	H02
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
definition:	The current number or amount of things an asset carries.	The current temperature.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	1	°C
code_of_unit:		UAA033
alternative_unit_of_measure:		K
code_of_alternative_unit:		UAA185
code_of_list_of_units:		UAD023
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2..8.2	NR2 S..2.2

UML-Name:	humidity	barometricPressure
UML-Klasse:	StoragePosition	StoragePosition
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/humidity	http://www.iop.rwth-aachen.de/PPC/1/1/barometricPressure
preferred_name:	humidity	barometric pressure
synonymous_name:		
short_name:		
preferred_letter_symbol:	f_humidity}	p_0}
data_element_type_class:	R81	K15
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
definition:	The current humidity of the asset.	The barometric pressure of the asset.
source_document_of_definition:	<own_definition>	<own_definition>
unit_of_measure:	%	hPa
code_of_unit:	UAA000	UAA527
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:	UAD154	UAD142
data_type:	REAL_MEASURE	REAL_MEASURE
value_format:	NR2..3.2	NR2..4.2

UML-Name:	shiftId	entryType
UML-Klasse:	ShiftCalendar	ShiftCalendar
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftId	http://www.iop.rwth-aachen.de/PPC/1/1/entryType
preferred_name:	shift calendar identificator	entry type
synonymous_name:	work calendar identificator	shift type
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
definition:	Unique identification of the shift calendar.	Defines the type of work calendar definition entry.
source_document_of_definition:	IEC 62264-4	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:	STRING	ENUM.STRING
value_format:	X..40	X..40

UML-Name:	startRule	recurrenceRule
UML-Klasse:	ShiftCalendar	ShiftCalendar
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/startRule	http://www.iop.rwth-aachen.de/PPC/1/1/recurrenceRule
preferred_name:	start rule	recurrence rule
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A91
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
definition:	Defines the date until the shift calendar is valid and in use.	Defines the pattern for repeating the shift calendar.
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	X

UML-Name:	workdays	validTill
UML-Klasse:	ShiftCalendar	ShiftCalendar
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/workdays	http://www.iop.rwth-aachen.de/PPC/1/1/validTill
preferred_name:	workdays	valid till
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A91	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
definition:	Definition of the workdays the shift calendar is valid and in use.	Defines the date until the shift calendar is invalid and not in use.
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	DATE
value_format:	X	X

UML-Name:	startTime	endTime
UML-Klasse:	ShiftCalendar	ShiftCalendar
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/startTime	http://www.iop.rwth-aachen.de/PPC/1/1/endTime
preferred_name:	start time	end time
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A31	A31
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
definition:	Start time of the shift.	End time of 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:	TIME	TIME
value_format:	X 5	X 5

UML-Name:	pauseTime	grossCapacity
UML-Klasse:	ShiftCalendar	ShiftCalendar
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/pauseTime	http://www.iop.rwth-aachen.de/PPC/1/1/grossCapacity
preferred_name:	pause time	gross capacity
synonymous_name:		
short_name:		
preferred_letter_symbol:		t_capacity,gross}
data_element_type_class:	A31	T07
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar
definition:	Pause time(s) within the shift.	The capacity of human or technical assets for a defined area within a certain period of time or time interval.
source_document_of_definition:	<own_definition>	VDI 2815 Part 6
unit_of_measure:	none	h
code_of_unit:		UAA525
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		UAD197
data_type:	REAL	REAL
value_format:	N..3	NR2..2.2

UML-Name:	personId	givenName
UML-Klasse:	Person	Person
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/personId	http://www.iop.rwth-aachen.de/PPC/1/1/givenName
preferred_name:	personal identificator	given name
synonymous_name:	employee identificator	first name
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A62
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
definition:	Unique identification of a specific person.	The name of the individual.
source_document_of_definition:	IEC 62264-2	IEC 62264-2
unit_of_measure:	none	none
code_of_unit:		
alternative_unit_of_measure:		
code_of_alternative_unit:		
code_of_list_of_units:		
data_type:	STRING	STRING
value_format:	X..40	X..40

UML-Name:	surName	role
UML-Klasse:	Person	Person
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/surName	http://www.iop.rwth-aachen.de/PPC/1/1/role
preferred_name:	sur name	role
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	A62	A41
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
definition:	The surname of the individual.	Describes the function of a person within the company.
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

UML-Name:	wageRate	location
UML-Klasse:	Person	Person
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/wageRate	http://www.iop.rwth-aachen.de/PPC/1/1/location
preferred_name:	wage rate	location
synonymous_name:		
short_name:		
preferred_letter_symbol:		
data_element_type_class:	P51	A12
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person
definition:	Costs incurred by a person in one hour.	The current location/place of action where a person proceeds an operation or fulfills a task.
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:	REAL_CURRENCY	STRING
value_format:	NR2 2.2	X..40

UML-Name:	status	machineSkill
UML-Klasse:	Person	PersonalQualification
Domain:	PPC	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/status	http://www.iop.rwth-aachen.de/PPC/1/1/machineSkill
preferred_name:	status	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/person	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
definition:	The current condition, process (step), etc., of an asset/entity.	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:	ENUM.STRING	STRING
value_format:	X..40	X..40

UML-Name:	operationSkill
UML-Klasse:	PersonalQualification
Domain:	PPC
code:	http://www.iop.rwth-aachen.de/PPC/1/1/operationSkill
preferred_name:	operation skill
synonymous_name:	
short_name:	
preferred_letter_symbol:	
data_element_type_class:	A91
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
Applicable classes:	http://www.iop.rwth-aachen.de/PPC/1/1/personalQualification
definition:	The qualification regarding which operations or type of operations a person can handle.
source_document_of_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
value_format:	X..40

Appendix C: Enumerations

Name:	released	materialAvailabilityNotChecked
UML-Name:	EnumPOStatus	EnumPOStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/released	http://www.iop.rwth-aachen.de/PPC/1/1/materialAvailabilityNotChecked
preferred_name:	released	material availability not checked
short_name:	@RLSD	@MANC
symbol:	RLSD	MANC
definition:	The production order was released and is ready for production	The availability of the material was not checked
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Name:	materialNotAvailable	materialConfirmed
UML-Name:	EnumPOStatus	EnumPOStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/materialNotAvailable	http://www.iop.rwth-aachen.de/PPC/1/1/materialConfirmed
preferred_name:	material not available	material confirmed
short_name:	@MANA	@MACF
symbol:	MANA	MACF
definition:	The material that is needed for production is not available	The material that is needed for production is available when production starts.
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder
Name:	productionDocumentsFetched	goodsMovementOccured
UML-Name:	EnumPOStatus	EnumPOStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/productionDocumentsFetched	http://www.iop.rwth-aachen.de/PPC/1/1/goodsMovementOccured
preferred_name:	production documents fetched	goods movement occured
short_name:	@DOC	@GDMV
symbol:	DOC	GDMV
definition:	The production documents were fetched.	At least one goods movement for this production order occured.
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder

Name:	partlyConfirmed	fullyConfirmed
UML-Name:	EnumPOStatus	EnumPOStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partlyConfirmed	http://www.iop.rwth-aachen.de/PPC/1/1/fullyConfirmed
preferred_name:	partly confirmed	fully confirmed
short_name:	@PTCF	@FUCF
symbol:	PTCF	FUCF
definition:	The confirmation at least of one, but not all operations were made.	The confirmation at of all operations were made, so the production process is finished
source_document_of_definition:	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199	Logistikprozesse mit SAP, 3 ed., 2011, ISBN: 9783834881199
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder

Name:	partlyDelivered	fullyDeliverd
UML-Name:	EnumPOStatus	EnumPOStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPOStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered	http://www.iop.rwth-aachen.de/PPC/1/1/fullyDeliverd
preferred_name:	partly delivered	fully deliverd
short_name:	@PTDL	@FUDL
symbol:	PTDL	FUDL
definition:	At least one, but not all parts were delivered to the mentioned destination.	All parts of the manufacturing 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:	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder

Name:	idle	blocked
UML-Name:	EnumTecAssetStatus	EnumTecAssetStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumTecAssetStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumTecAssetStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/idle	http://www.iop.rwth-aachen.de/PPC/1/1/blocked
preferred_name:	idle	blocked
short_name:	@IDLE	@BLOC
symbol:	IDLE	BLOC
definition:	The technical asset is free for utilization.	The technical asset is utilized because of setup, production or teardown
source_document_of_definition:	<own.definition>	<own.definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset

Name:	disturbance	defect
UML-Name:	EnumTecAssetStatus	EnumTecAssetStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumTecAssetStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumTecAssetStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/disturbance	http://www.iop.rwth-aachen.de/PPC/1/1/defect
preferred_name:	disturbance	defect
short_name:	@DIST	@DEFC
symbol:	DIST	DEFC
definition:	The technical 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.	The technical asset is defect and not available for production
source_document_of_definition:	<own.definition>	<own.definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset
Name:	inMaintenance	mouldInstalled
UML-Name:	EnumTecAssetStatus	EnumMoldStatus
Domain:	PPC	IM
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumTecAssetStatus	http://www.iop.rwth-aachen.de/IM/1/1/EnumMoldStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/inMaintenance	http://www.iop.rwth-aachen.de/IM/1/1/mouldInstalled
preferred_name:	in maintenance	mould installed
short_name:	@MAIN	@MINS
symbol:	MAIN	MINS
definition:	The technical asset is in maintenance for a planned or unplanned service	The mould is installed and ready for production.
source_document_of_definition:	<own.definition>	EUROMAP 83
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/technicalAsset	http://www.iop.rwth-aachen.de/PPC/1/1/mold
Name:	mouldChange	mouldNotInstalled
UML-Name:	EnumMoldStatus	EnumMoldStatus
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumMoldStatus	http://www.iop.rwth-aachen.de/IM/1/1/EnumMoldStatus
code:	http://www.iop.rwth-aachen.de/IM/1/1/mouldChange	http://www.iop.rwth-aachen.de/IM/1/1/mouldNotInstalled
preferred_name:	mould change	mould not installed
short_name:	@MCHG	@MNIN
symbol:	MCHG	MNIN
definition:	During installation or changing of the mould.	The mould is not installed on the machine.
source_document_of_definition:	EUROMAP 83	EUROMAP 83
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/mold	http://www.iop.rwth-aachen.de/PPC/1/1/mold

Name:	other	construction
UML-Name:	EnumMoldStatus	EnumAssetStatus
Domain:	IM	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumMoldStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumAssetStatus
code:	http://www.iop.rwth-aachen.de/IM/1/1/other	http://www.iop.rwth-aachen.de/PPC/1/1/construction
preferred_name:	other	construction
short_name:	@MOTH	@CONST
symbol:	MOTH	CONST
definition:	This state is used if none of the other states apply.	The part is under construction, a production is not realizable yet.
source_document_of_definition:	EUROMAP 83	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/mold	http://www.iop.rwth-aachen.de/PPC/1/1/part http://www.iop.rwth-aachen.de/PPC/1/1/batch http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition

Name:	verification	approved
UML-Name:	EnumAssetStatus	EnumAssetStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumAssetStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumAssetStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/verification	http://www.iop.rwth-aachen.de/PPC/1/1/approved
preferred_name:	verification	approved
short_name:	@VERY	@APPR
symbol:	VERY	APPR
definition:	The part/material is under verification after construction, addition, or due to a change request.	The part/material is approved. A manufacturing is allowed.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part http://www.iop.rwth-aachen.de/PPC/1/1/batch http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/part http://www.iop.rwth-aachen.de/PPC/1/1/batch http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition

Name:	updating	expired
UML-Name:	EnumAssetStatus	EnumAssetStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumAssetStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumAssetStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/updating	http://www.iop.rwth-aachen.de/PPC/1/1/expired
preferred_name:	updating	expired
short_name:	@UPDT	@EXPI
symbol:	UPDT	EXPI
definition:	The part/material gets an update due to a change request.	The part/material is no longer manufactured/buyed.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/part http://www.iop.rwth-aachen.de/PPC/1/1/batch http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition	http://www.iop.rwth-aachen.de/PPC/1/1/part http://www.iop.rwth-aachen.de/PPC/1/1/batch http://www.iop.rwth-aachen.de/PPC/1/1/billOfMaterial http://www.iop.rwth-aachen.de/PPC/1/1/BOMPosition

Name:	low	normal
UML-Name:	EnumPriority	EnumPriority
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPriority	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPriority
code:	http://www.iop.rwth-aachen.de/PPC/1/1/low	http://www.iop.rwth-aachen.de/PPC/1/1/normal
preferred_name:	low	normal
short_name:	@LOW	@NORM
symbol:	LOW	NORM
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder

Name:	high	hotRunner
UML-Name:	EnumPriority	EnumChType
Domain:	PPC	IM
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPriority	http://www.iop.rwth-aachen.de/IM/1/1/EnumChType
code:	http://www.iop.rwth-aachen.de/PPC/1/1/high	http://www.iop.rwth-aachen.de/IM/1/1/hotRunner
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:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument http://www.iop.rwth-aachen.de/PPC/1/1/productionOrder	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice

Name:	coldRunner	waiting
UML-Name:	EnumChType	EnumOpStatus
Domain:	IM	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumChType	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus
code:	http://www.iop.rwth-aachen.de/IM/1/1/coldRunner	http://www.iop.rwth-aachen.de/PPC/1/1/waiting
preferred_name:	cold runner	waiting
short_name:	@CLDR	@WAIT
symbol:	CLDR	WAIT
definition:	<p>The spure, runner(s), and gate(s) of the melt, like the melt in the cavity(ies), all solified by the cooling action of the mold. This mold design produces solidified spure and runner(s) that are usually granulated and recycled.</p>	The operation waits to be started
source_document_of_definition:	Injection Molding Handbook, 3 ed., 2000, ISBN: 9781461545972	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/temperatureControlDevice	http://www.iop.rwth-aachen.de/PPC/1/1/operation

Name:	setup	inProgress
UML-Name:	EnumOpStatus	EnumOpStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/setup	http://www.iop.rwth-aachen.de/PPC/1/1/inProgress
preferred_name:	setup	in progress
short_name:	@SETU	@PROG
symbol:	SETU	PROG
definition:	Necessary setup before production has begun.	The operation is in progress.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation

Name:	disturbance	cancelled
UML-Name:	EnumOpStatus	EnumOpStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/disturbance	http://www.iop.rwth-aachen.de/PPC/1/1/cancelled
preferred_name:	disturbance	cancelled
short_name:	@DIST	@CNCL
symbol:	DIST	CNCL
definition:	The technical 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 removed so the asset can proceed as usual / as planned.	The operation was cancelled. The actual output is not the planned output.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/operation

Name:	finished	monday
UML-Name:	EnumOpStatus	EnumWorkdays
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumOpStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays
code:	http://www.iop.rwth-aachen.de/PPC/1/1/finished	http://www.iop.rwth-aachen.de/PPC/1/1/monday
preferred_name:	finished	monday
short_name:	@FIN	@MON
symbol:	FIN	MON
definition:	The operation is finished.	
source_document_of_definition:	<own_definition>	
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/operation	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar

Name:	tuesday	wednesday
UML-Name:	EnumWorkdays	EnumWorkdays
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays
code:	http://www.iop.rwth-aachen.de/PPC/1/1/tuesday	http://www.iop.rwth-aachen.de/PPC/1/1/wednesday
preferred_name:	tuesday	wednesday
short_name:	@TUE	@WED
symbol:	TUE	WED
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar

Name:	thursday	friday
UML-Name:	EnumWorkdays	EnumWorkdays
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays
code:	http://www.iop.rwth-aachen.de/PPC/1/1/thursday	http://www.iop.rwth-aachen.de/PPC/1/1/friday
preferred_name:	thursday	friday
short_name:	@THU	@FRI
symbol:	THU	FRI
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar

Name:	saturday	sunday
UML-Name:	EnumWorkdays	EnumWorkdays
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays	http://www.iop.rwth-aachen.de/PPC/1/1/EnumWorkdays
code:	http://www.iop.rwth-aachen.de/PPC/1/1/saturday	http://www.iop.rwth-aachen.de/PPC/1/1/sunday
preferred_name:	saturday	sunday
short_name:	@SAT	@SUN
symbol:	SAT	SUN
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar

Name:	demolding	insertSupply
UML-Name:	EnumDeviceType	EnumDeviceType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType
code:	http://www.iop.rwth-aachen.de/IM/1/1/demolding	http://www.iop.rwth-aachen.de/IM/1/1/insertSupply
preferred_name:	demolding	insert supply
short_name:	@DEMO	@INSU
symbol:	DEMO	INSU
definition:	Process step to remove (=demold) the solidified part from the mold.	Process step to insert a third-party material into the mold to manufacture hybrid-material parts
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice
Name:	spureRemoval	palletizing
UML-Name:	EnumDeviceType	EnumDeviceType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType
code:	http://www.iop.rwth-aachen.de/IM/1/1/spureRemoval	http://www.iop.rwth-aachen.de/IM/1/1/palletizing
preferred_name:	spure removal	palletizing
short_name:	@SRVL	@PLLT
symbol:	SRVL	PLLT
definition:	Process step to cut or laser the spure from the finished part.	Process step to merge different parts or product carrier to one pallet or transport container.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice
Name:	wasteSeperation	orientation
UML-Name:	EnumDeviceType	EnumDeviceType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType	http://www.iop.rwth-aachen.de/IM/1/1/EnumDeviceType
code:	http://www.iop.rwth-aachen.de/IM/1/1/wasteSeperation	http://www.iop.rwth-aachen.de/IM/1/1/orientation
preferred_name:	waste seperation	orientation
short_name:	@WSEP	@ORNT
symbol:	WSEP	ORNT
definition:	Process step to separete the not-ok-parts from the ok-parts to avoid mixed inventory of good and bad parts.	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:	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice	http://www.iop.rwth-aachen.de/PPC/1/1/handlingDevice

Name:	screw	multiStage
UML-Name:	EnumConvType	EnumConvType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType
code:	http://www.iop.rwth-aachen.de/IM/1/1/screw	http://www.iop.rwth-aachen.de/IM/1/1/multiStage
preferred_name:	screw	multi-stage
short_name:	@SCRW	@MSTG
symbol:	SCRW	MSTG
definition:	The rotation of a screw ensures the material transport.	A multi-stage conveyor connects different/multiple sources with different/multiple sinks.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor

Name:	continiousPressurePneumatic	discontiniousPressurePneumatic
UML-Name:	EnumConvType	EnumConvType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType
code:	http://www.iop.rwth-aachen.de/IM/1/1/continiousPressurePneumatic	http://www.iop.rwth-aachen.de/IM/1/1/discontiniousPressurePneumatic
preferred_name:	continious pressure-pneumatic	discontinious pressure-pneumatic
short_name:	@COPP	@DIPP
symbol:	COPP	DIPP
definition:	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.	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 discontinious.
source_document_of_definition:	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor

Name:	continiousSuction	discontiniousSuction
UML-Name:	EnumConvType	EnumConvType
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType	http://www.iop.rwth-aachen.de/IM/1/1/EnumConvType
code:	http://www.iop.rwth-aachen.de/IM/1/1/continiousSuction	http://www.iop.rwth-aachen.de/IM/1/1/discontiniousSuction
preferred_name:	continious suction	discontinious suction
short_name:	@COSU	@DISU
symbol:	COSU	DISU
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 continous.	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 discontinious.
source_document_of_definition:	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982	Handbuch Spritzgießen, 2 ed., 2004, ISBN: 9783446440982
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor
Name:	granules	powder
UML-Name:	EnumResForm	EnumResForm
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumResForm	http://www.iop.rwth-aachen.de/IM/1/1/EnumResForm
code:	http://www.iop.rwth-aachen.de/IM/1/1/granules	http://www.iop.rwth-aachen.de/IM/1/1/powder
preferred_name:	granules	powder
short_name:	@GRNL	@PWDR
symbol:	GRNL	PWDR
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate

Name:	flakes	liquid
UML-Name:	EnumResForm	EnumResForm
Domain:	IM	IM
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumResForm	http://www.iop.rwth-aachen.de/IM/1/1/EnumResForm
code:	http://www.iop.rwth-aachen.de/IM/1/1/flakes	http://www.iop.rwth-aachen.de/IM/1/1/liquid
preferred_name:	flakes	liquid
short_name:	@FLKS	@LQID
symbol:	FLKS	LQID
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate
Name:	tape	outerSilo
UML-Name:	EnumResForm	EnumStorageType
Domain:	IM	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/IM/1/1/EnumResForm	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType
code:	http://www.iop.rwth-aachen.de/IM/1/1/tape	http://www.iop.rwth-aachen.de/PPC/1/1/outerSilo
preferred_name:	tape	outer silo
short_name:	@TAPE	@OSIL
symbol:	TAPE	OSIL
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/conveyor http://www.iop.rwth-aachen.de/PPC/1/1/transportContainer http://www.iop.rwth-aachen.de/PPC/1/1/plasticsGranulate	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Name:	innerSilo	octabin
UML-Name:	EnumStorageType	EnumStorageType
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType
code:	http://www.iop.rwth-aachen.de/PPC/1/1/innerSilo	http://www.iop.rwth-aachen.de/PPC/1/1/octabin
preferred_name:	inner silo	octabin
short_name:	@ISIL	@OCTB
symbol:	ISIL	OCTB
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition

Name:	bag	container
UML-Name:	EnumStorageType	EnumStorageType
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType
code:	http://www.iop.rwth-aachen.de/PPC/1/1/bag	http://www.iop.rwth-aachen.de/PPC/1/1/container
preferred_name:	bag	container
short_name:	@BAG	@CONT
symbol:	BAG	CONT
definition:		
source_document_of_definition:		
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition
Name:	palette	idle
UML-Name:	EnumStorageType	EnumPersonStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumStorageType	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPersonStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/palette	http://www.iop.rwth-aachen.de/PPC/1/1/idle
preferred_name:	palette	idle
short_name:	@PALT	@IDLE
symbol:	PALT	IDLE
definition:		The person is free for utilization.
source_document_of_definition:		<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/storage http://www.iop.rwth-aachen.de/PPC/1/1/storagePosition	http://www.iop.rwth-aachen.de/PPC/1/1/person
Name:	blocked	pause
UML-Name:	EnumPersonStatus	EnumPersonStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPersonStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPersonStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/blocked	http://www.iop.rwth-aachen.de/PPC/1/1/pause
preferred_name:	blocked	pause
short_name:	@BLOC	@PAUS
symbol:	BLOC	PAUS
definition:	The person is utilized because of setup, production or teardown	The person is not available because of pause.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person

Name:	vacation	nonWorkingTime
UML-Name:	EnumPersonStatus	EnumPersonStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPersonStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumPersonStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/vacation	http://www.iop.rwth-aachen.de/PPC/1/1/nonWorkingTime
preferred_name:	vacation	non working time
short_name:	@VAC	@NWT
symbol:	VAC	NWT
definition:	The person is not available because of vacation.	The time the person is not available because it is non working time.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/person	http://www.iop.rwth-aachen.de/PPC/1/1/person

Name:	open	confirmed
UML-Name:	EnumSDStatus	EnumSDStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/open	http://www.iop.rwth-aachen.de/PPC/1/1/confirmed
preferred_name:	open	confirmed
short_name:	@OPEN	@CONF
symbol:	OPEN	CONF
definition:	The sales order is recorded in the system.	The sales order is confirmed, so the manufacturer agrees to deliver the desired articles to the desired destination.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument

Name:	inProgress	cancelled
UML-Name:	EnumSDStatus	EnumSDStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/inProgress	http://www.iop.rwth-aachen.de/PPC/1/1/cancelled
preferred_name:	in progress	cancelled
short_name:	@PRGR	@CANC
symbol:	PRGR	CANC
definition:	At least one process to fulfil the sales order (stock movement, production order) has started.	The sales order was cancelled by customer or manufacturer.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument

Name:	partlyDelivered	delivered (fullyDelivered)
UML-Name:	EnumSDStatus	EnumSDStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered	http://www.iop.rwth-aachen.de/PPC/1/1/delivered
preferred_name:	partly delivered	delivered
short_name:	@PDLV	@DLVD
symbol:	PDLV	DLVD
definition:	At least one, but not all articles were delivered to the mentioned destination.	All articles of the sales order were delivered to the mentioned destination.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument

Name:	partlyDelivered	delivered (fullyDelivered)
UML-Name:	EnumSDStatus	EnumSDStatus
Domain:	PPC	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus	http://www.iop.rwth-aachen.de/PPC/1/1/EnumSDStatus
code:	http://www.iop.rwth-aachen.de/PPC/1/1/partlyDelivered	http://www.iop.rwth-aachen.de/PPC/1/1/delivered
preferred_name:	partly delivered	delivered
short_name:	@PDLV	@DLVD
symbol:	PDLV	DLVD
definition:	At least one, but not all articles were delivered to the mentioned destination.	All articles of the sales order were delivered to the mentioned destination.
source_document_of_definition:	<own_definition>	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument	http://www.iop.rwth-aachen.de/PPC/1/1/salesDocument

Name:	plantShutdown
UML-Name:	EnumShiftType
Domain:	PPC
Enumeration code:	http://www.iop.rwth-aachen.de/PPC/1/1/EnumShiftType
code:	http://www.iop.rwth-aachen.de/PPC/1/1/plantShutdown
preferred_name:	plant shutdown
short_name:	@PLSD
symbol:	PLSD
definition:	Shift Calender that specifies the days the plant is closed. The production is closed.
source_document_of_definition:	<own_definition>
definition_class:	http://www.iop.rwth-aachen.de/PPC/1/1/shiftCalendar