**Developer Track: Design a Submodel Template**

# Submodel: Nameplate

Prop "URIOfTheProduct" → https://www.idtwin.org/Model-Nr-1234/Serial-Nr-5678

Prop "ManufacturerName" → your company name

Prop "ManufacturerProductDesignation" → Packaging Machine

## SMC "ContactInformation"

MLP "CityTown" → your company location

MLP "Company" → your company name

### SMC "Phone"

MLP "TelephoneNumber" → your phone number

MLP "AvailableTime" → Monday - Friday 08:00 to 16:00

### SMC "Email"

Prop "EmailAddress" → your email id

Prop "TypeOfEmailAddress" → work or private email

MLP "Street" → your company address

MLP "Zipcode" → your company zipcode

MLP "StateCounty" → Germany

MLP "NameOfContact" → Your Name

MLP "FirstName" → Your First Name

MLP "MiddleNames" → your middle name

Prop "SerialNumber" → 123456789XYZ

Prop "YearOfConstruction" → 2024

Prop "DateOfManufacture" → 23.09.2020

Prop "CountryOfOrigin" → Germany

File "CompanyLogo" → your company logo

# Submodel: TechnicalData

## SMC "GeneralInformation"

Prop "ManufacturerName" → your company name

Prop "ManufacturerLogo" → your company logo

Prop "ManufacturerProductDesignation" → Milk Packaging Machine

Prop "ProductImage" → your product image

## SMC "TechnicalProperties"

#### SMC "MachineDimensions"

Prop "Height" → 1250

Prop "Length" → 1520

Prop "Width" → 825

Prop "Weight" → 1823

Prop "InputTableHeight" → 780

Prop "OutputTableHeight" → 780

#### SMC "PackingDimensions"

Prop "Height" → 1510

Prop "Length" → 1820

Prop "Width" → 950

Prop "Weight" → 2000

### SMC "Environmental"

Prop "ProtectionType" → IP20

Prop "StorageTemp" → -10 .. 40

Prop "OperationTemp" → 5 .. 30

Prop "Humidity" → <90% non condensing

MLP "OperationLocation" → Dry, covered productionhall, air conditioned

# Submodel: HandoverDocumentation

# 

## SMC "UserManual"

Prop "DocumentDomainId" → ID-4711

Prop "IsPrimary" → true

### SMC "DocumentClassification"

Prop "ClassId" → 03-02

Prop "ClassificationSystem" → VDI2770 Blatt 1:2020

### SMC "DocumentVersion"

Prop "Language" → Deutsch

Prop "DocumentVersionId" → 1.0

MLP "Title" → OperatorManual P2518

MLP "SubTitle" → (empty or not available)

MLP "Summary" → Operation manual for packaging machine

MLP "KeyWords" → (empty or not available)

Prop "StatusSetDate" → 2023-09-26

Prop "StatusValue" → released (ExampleValue=Released)

Prop "OrganizationName" → your orga name

Prop "OrganizationOfficialName" → your official orga name

File "DigitalFile" → file:///aasx/suppl/S2T\_OM\_P2518\_DE\_012.pdf

File "PreviewFile" → [file:///aasx/suppl/S2T\_OM\_P2518\_DE\_011.jpg](file:///C:\aasx\suppl\S2T_OM_P2518_DE_011.jpg)

## Submodel: Contact Information

## SMC "ContactInformation"

MLP "CityTown" → your company location

MLP "Company" → your company name

### SMC "Phone"

MLP "TelephoneNumber" → your phone number

MLP "AvailableTime" → Monday - Friday 08:00 to 16:00

### SMC "Email"

Prop "EmailAddress" → your email id

Prop "TypeOfEmailAddress" → work or private email

MLP "Street" → your company address

MLP "Zipcode" → your company zipcode

MLP "StateCounty" → Germany

MLP "NameOfContact" → Your Name

MLP "FirstName" → Your First Name

MLP "MiddleNames" → your middle name