

Production Line Hierarchy

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Business Term Status

The Business Term is currently **validated** by the Data Governance Committee.

Business Term Definition

A line hierarchy represents the structure of a production line. You create line hierarchies in the component Line Design. You can split the production line into as many line segments as required. The line segments can in turn be split into individual sub elements, such as processing stations.

SAP Portal: Production lines are used as work centers in the planning of flow manufacturing and repetitive manufacturing. A production line can be either a grouping of several processing stations or an individual processing station. In the simplest case, it is sufficient to create two work centers for the entire production line. However, you can also subdivide the line and create a work center for each processing station. You then select one of the work centers (generally the bottleneck work center) and enter it in the Production Line field in the production version. The system uses this work center for scheduling and capacity planning. You can also use the "Line Design" component to subdivide the production line into individual elements and represent this structure as a line hierarchy.

Roles

Data Owner The content of this macro can only be viewed by users who have logged in.	Data Owner The content of this macro can only be viewed by users who have logged in.	Data Owner IT Materials & Structures
Data Steward The content of this macro can only be viewed by users who have logged in.	Data Steward The content of this macro can only be viewed by users who have logged in.	Data Steward The content of this macro can only be viewed by users who have logged in.
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Data Sources, Type and Classification

Data Source SAP	Data Type Master Data	Data Classification Internal Data
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Data Protection and Update Frequency

Data Protection & Access
Accessible only to Data Stewards and Data platforms

Data Update Frequency
Changes are rare: weekly

Related Business Terms

Business Term	Description	Link
Commercial Product / Material Group	In the SAP EHS module, data are maintained in a "commercial product" (or "PROD_COM"), which aggregates several materials that are the same product under different packaging.	More info
GBR: GBU Material Group (Ship-to)	Customer group ship to is a digit key which identifies group of customers ship to.	More info
GBR: GBU Material Sub-Group (Ship-to)	Customer sub group ship to is a digit key which identifies sub-group of customers ship to.	More info
Line Hierarchy	The line hierarchy represents the structure of a production line in the system, by means of a graphic.	More info
LIP00 Product Group	The LIP codes and Product Family code are levels of regroupment designed in SAP to maintain a logical link between material codes which have similarities - LIP00	More info
LIP01 Product Group	The LIP codes and Product Family code are levels of regroupment designed in SAP to maintain a logical link between material codes which have similarities - LIP01	More info
LIP02 Product line 02	The LIP codes and Product Family code are levels of regroupment designed in SAP to maintain a logical link between material codes which have similarities - LIP02	More info
LIP04 Product line 04	The LIP codes and Product Family code are levels of regroupment designed in SAP to maintain a logical link between material codes which have similarities - LIP04	More info
Material Group 1	Used in SAP for Solvay to indicate Industrial origin of the monocenter material	More info
Material Group 2	Used in SAP for Solvay to indicate packaging type of material	More info
Material Origin Group	The material origin group aggregates the materials by product family.	More info
Material Packaging	Materials intended to enclose or hold together the materials that are to be packed	More info
Material Type	Key that assigns the material to a group of materials such as raw materials, operating supplies or trading goods.	More info
Material	Alphanumeric key uniquely identifying the material.	More info
Material Group	Key used to group together several materials or services with the same attributes, and to assign them to a particular material group.	More info
Material Prod. Hierarchy	Alphanumeric character string for grouping together materials by combining different characteristics. It is used for analyses and price determination.	More info
MRP Controller	Person responsible for material planning activities	More info
PIF Code	It is a family of products. It aggregates the materials with similar characteristics (PF1 system).	More info
Product Hierarchy PIF_P	It is consistent with the codification of the reporting profit center that is stored in the view "Costing 1" and contain the corresponding PIF code.	More info
Prod. Scheduler	Scheduler responsible for a material in production activity control.	More info
Product Family Code	The LIP codes and Product Family code are levels of regroupment designed in SAP to maintain a logical link between material codes which have similarities.	More info

Product Group	Statistical regrouping of commercial articles, made abstraction of their conditioning, quality, brand names, and their centre of production.	More info
Valuation Class	Valuation class is assigned to the material in material master.	More info