Product Planning Data

Introduction

Introduction

Overview

1. Product planning data master is used to create the plan for Product manufacturing.
2. This Product planning data merge the Parent Product, BOM and Workflow.
3. In the Window Product Planning Data you enter the product information which will serve as a base to execute the algorithms of Material Requirement Planning, along with MPS, open orders and inventories
4. Product Planning data will be applicable for different plant with the multiple warehouses.

Business Case

1. In a company the product planning data is used to link the parent product and components with the BOM and Workflows.

Tab

Tab

Product

This Product main tab shows the details about the particular product.

Data Planning

Product > Data Planning ▼   ◀ ⟵ +*1/1 ➡

Inserted

Client*	Sandbox	Organization*	* ▼
Product*	001859N63-01_38" ROTATING HEAD 34"/38		
	☑ Active		
Resource	Manufacturing Discrete Plant ▼	Warehouse	▼
Planner	Bora ▼		
BOM Formula	001859N63-01_38" ROTATING HEAD 34"/38" DD 6000 REFINER_1000218		↰
Workflow				↰
Network Distribution			▼
	☐ Is MPS		☑ Create Plan

Critical Fields

1. BOM Formula : It is used to select the particular BOM from the BOM master.
   The name BOM/Formula that you introduce in this window will be considered the default BOM to produce the product in this Organization-Plant-Warehouse. If you do not fill this field the default BOM & Formula for the entity will be the BOM/Formula which has the same name as the product.

2. Workflow : It is used to select the Workflow from the Manufacturing workflow master. The Workflow field identifies a unique Workflow in the system.

Critical & onetime setup fields

1. Resource : A manufacturing resource is a place where a product will be made.

Non-Critical Fields

1. Planner : It is used to select the planner name from user master.

2. Warehouse : It is used to select the warehouse from the warehouse master.

   The Warehouse identifies a unique Warehouse where products are stored or Services are provided.

   Warehouse place where you locate and control the products

3. Order Policy : It is used to select the order policy from the list.(Ex : Fixed Order Quantity,Lot-for-Lot,Period Order Quantity)

4. Network Distribution :

5. Create Plan : Indicates whether planned orders will be generated by MRP, if this flag is not just MRP generate a 'Create' action notice

6. Time Fence :

7. Order Quantity :

8. Safety Stock Qty : Safety stock is defined as extra units of inventory carried as protection against possible stock outs. It is held when an organization cannot accurately predict demand and/or lead time for the product.

9. Yield % : The Yield is the percentage of a lot that is expected to be of acceptable quality may fall below 100 percent

10. Transfer Time :

Zoom condition's

Validation

Replenish

Critical Fields

1. Replenish Type : We should select the replenish type from this list. a) Maintain Maximum Level - Replenishment quantities will be ordered if the inventory level is below the maximum level. b) Reorder Below Minimum Level - Replenishment quantities will be ordered if the inventory level is below the minimum level. c) Custom - It is possible to define a custom rule in software to calculate the replenishment quantities. The software class is defined in the Warehouse window. d) Manual - A Replenishment Plan is used to calculate when and how much material to order.

2. Minimum Level : Indicates the minimum quantity of this product to be stocked in inventory.

3. Maximum Level : Indicates the maximum quantity of this product to be stocked in inventory.

Critical & onetime setup fields

1. Warehouse : It is used to select the warehouse name.(Refer Warehouse Master),
   The Warehouse identifies a unique Warehouse where products are stored or Services are

provided.

Non-Critical Fields

Zoom condition's

Validation

Purchasing

Critical Fields

Critical & onetime setup fields

1. Business Partner : It is used to select the purchase business partner name for that product.(Refer Business Partner Master window)

Non-Critical Fields

1. UOM : The UOM defines a unique non monetary Unit of Measure.(Refer UOM master)
2. Currency : Used to select the Currency , Indicates the Currency to be used when processing or reporting on this record.(Refer Currency Master)
3. UPC/EAN : Use this field to enter the bar code for the product in any of the bar code

symbolizes

4. Promised Delivery Time :The Promised Delivery Time indicates the number of days between the order date and the date that delivery was promised.

5. Partner Product Key : The Business Partner Product Key identifies the number used by the Business Partner for this product. It can be printed on orders and invoices when you include the Product Key in the print format.

6. Partner Category :The Business Partner Category identifies the category used by the Business Partner for this product.

7. Manufacturer : The manufacturer of the Product (used if different from the Business Partner / Vendor)

8. Cost Per Order : The Cost Per Order indicates the fixed charge levied when an order for this product is placed.

9. Discontinued : The Discontinued check box indicates a product that has been discontinued.

10. Discontinued At : Discontinued At indicates Date when product was discontinued

11. List Price : The List Price is the official List Price in the document currency.

12. PO Price : The PO Price indicates the price for a product per the purchase order.

13. Last PO Price : The Last PO Price indicates the last price paid (per the purchase order) for this product.

14. Order Pack Qty : The Order Pack Quantity indicates the number of units in each pack of this product.

15. Royalty Amount :

16. Quality Rating : The Quality Rating indicates how a vendor is rated (higher number = higher quality)

17. Current Vendor : The Current Vendor indicates if prices are used and Product is reordered from this vendor

18. Price Effective : The Price Effective indicates the date this price is for. This allows you to enter future prices for products which will become effective when appropriate.

19. Minimum Order Qty : The Minimum Order Quantity indicates the smallest quantity of this product which can be ordered.

Zoom condition's

Validation

Tab

Transaction

This Sub tab shows the transaction details of the product .

Validations

Validations

Save

1. This is used to save the records after the mandatory fields are filled.

Delete

1. This is used to delete the records before the transactions are done .

Video

Forms and Process

Create Product Planning

Parameter :-

1.Product category : To select the Particular category of the Product(Refer Product category master window). (do not change the product category after doing transactions.)

2.Warehouse : This field is to select Warehouse, on a selection of Warehouse user has option to proceed for Data planning

3.Resource: A manufacturing resource is a place where a product will be made.

4.Create Plan : Indicates weather planned orders will be generated by MRP, if this flag is not just

MRP generate a 'Create' action notice

5.Network distribution : It is master data to set distribuition parameters.

6.Workflow : It is used to select the Workflow from the Manufacturing workflow master.The Workflow field identifies a unique Workflow in the system.

7.Time Fence : Time fence control is a policy or guideline you establish to note where various restrictions or changes in operating procedures take place.

8.Transfer Time : Transfer time

9.Safety Stock Qty : Safety stock is defined as extra units of inventory carried as protection against possible stock outs. It is held when an organization cannot accurately predict demand and/or lead time for the product.

10.Minimum Order Qty : To maintain Minimum quantity per order

11.Maximum Order Qty : To maintain Maximum quantity per order

12.Order Pack Qty : To set Pack order quantity

13.Order Qty : Order Quantity maintained as per current data planning

14.Working Time : To maintain total working time for data planning

15.Yield % : The Yield is the percentage of a lot that is expected to be of acceptable quality may fall below 100 percent

16.Promised Delivery Time : Delivery time details as per deadlines or delivery terms

17.Order Policy : It is used to select the order policy from the list.(Ex : Fixed Order Quantity, Lot-for-Lot, Period Order Quantity)

18.Order Period : Period of order

19.Planner : It is used to select the planner name from user master.

Process Use :

This process will create the data plannig register for every product

In order to facilitate to load the data planning of similar products, you can run the process Create product Planning and this process will create the data plannig register for every product which fits the parameters: Product category, Warehouse and Resource. You must indicate the planning parameters defined in the last section for every Product category, Warehouse, and Resource set. Every product which fit these three parameters will have a data planning record with the same data planning values you enter in this form.