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## Icons

| Icon                                                                              | Meaning                                      |
|-----------------------------------------------------------------------------------|----------------------------------------------|
|  | Caution                                      |
|  | Example                                      |
|  | Note or Tip                                  |
|  | Recommendation                               |
|  | Syntax                                       |
|  | External Process                             |
|  | Business Process Alternative/Decision Choice |

## Typographic Conventions

| Type Style          | Description                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Example text</i> | Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options.<br><br>Cross-references to other documentation.                       |
| <b>Example text</b> | Emphasized words or phrases in body text, titles of graphics and tables.                                                                                                                                             |
| EXAMPLE TEXT        | Names of elements in the system. These include report names, program names, transaction codes, table names, and individual of a programming language, when surrounded by body text, for example, SELECT and INCLUDE. |
| Example text        | Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.                        |
| EXAMPLE TEXT        | Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.                                                                                                                                      |
| <b>Example text</b> | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.                                                                                            |
| <Example text>      | Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.                                                                                                 |

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# Central Master Data (for Library - Manufacturing)

## 1 Purpose

This configuration guide provides the information you need to set up the configuration of this building block manually.

## 2 Preparation

### 2.1 Prerequisites

Before you start installing this building block, you must install prerequisite building blocks. For more information, see the Building Block Prerequisite Matrix (Prerequisites\_Matrix\_[xx]\_[yy]\_[zz].xls; the placeholder [xx] depends on the SAP Best Practices version you use, for example, BL refers to the SAP Best Practices Baseline Package, [yy] depends on the language version, for example, EN for English language, and [zz] depends on the country version, for example, CN for China *Prerequisite* .xls). This document can be found on the SAP Best Practices Documentation Package in the folder ..\[xx]\_[zz]\Documentation\; ([xx] depends on the SAP Best Practices version and [zz] depends on the country version).

## 3 Configuration

### 3.1 Logistic General Data

#### 3.1.1 Creating Raw Material

##### Use

A new raw material is needed.

##### Procedure

1. Access the activity using one of the following navigation options:

|                         |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| <b>SAP ECC menu</b>     | <i>Logistics → Materials Management → Material Master → Material → Create (General) → Immediate</i> |
| <b>Transaction code</b> | MM01                                                                                                |

2. On the initial screen, enter the following values and choose *Enter*:

| Field name      | Description | User action and values                         | Note            |
|-----------------|-------------|------------------------------------------------|-----------------|
| Material        |             | <material number>                              |                 |
| Industry sector |             | M Mechanical Engineer<br>C Chemical Industries | see table below |
| Material type   |             | ROH Raw Materials                              |                 |

|                 |                        |
|-----------------|------------------------|
| <b>Material</b> | <b>Industry Sector</b> |
|-----------------|------------------------|

|       |   |
|-------|---|
| R12   | M |
| R13   | M |
| R1301 | M |
| R1302 | M |
| R1303 | M |
| R14   | M |
| R1401 | M |
| R1402 | M |
| R1403 | M |
| R16   | M |
| R1601 | M |
| R1602 | M |
| R1603 | M |
| R17   | M |
| R1701 | M |
| R1702 | M |
| R1703 | M |
| R18   | M |
| R1801 | M |
| R1802 | M |
| R1803 | M |
| R124  | M |
| R20   | M |
| R122  | M |
| R120  | M |
| R128  | M |
| R27   | M |
| R127  | M |
| R28   | M |
| R09   | C |
| R15   | C |
| R19   | C |
| R30   | C |

3. In the *Select View(s)* dialog box, select the following views:
  - Basic Data 1 and 2: for all materials
  - Sales Org. Data 1 and 2, Sales General Plant Data: for all materials
  - Purchasing and Purchase Order Text: for all materials
  - MRP views 1, 2, 3 and 4: for all materials
  - General Plant Data / Storage 1 and 2: for all materials
  - Warehouse Management 1 and 2: for all materials
  - Accounting 1 and 2: for all materials
  - Costing 1 and 2: for all materials
4. Choose *Enter*:
5. In the *Organizational Levels* dialog box, enter the following values:

| Field name     | Description | User action and values                                                                         | Note |
|----------------|-------------|------------------------------------------------------------------------------------------------|------|
| Plant          |             | 1000 enter the main plant where the material will be procured (see special instructions below) |      |
| Stor. location |             | leave blank                                                                                    |      |
| Sales Org.     |             | 1000                                                                                           |      |
| Distr.Channel  |             | 10                                                                                             |      |
| Warehouse No.  |             | 110                                                                                            |      |

6. Choose *Enter*:



Materials are first created in the primary organization level. See *Maintain Material Master Extensions* (155.63) for extending materials to other organizational levels.



To view the material lists, run the transaction *MM60* or use the menu path *Logistics → Materials Management → Material Master → Other → Materials List*.

### 3.1.1.1 Basic Data

1. On the *Basic Data 1* tab page, enter the following values and choose *Enter*:

| Field name           | Description | User action and values                      | Note                                 |
|----------------------|-------------|---------------------------------------------|--------------------------------------|
| Description          |             | <enter description>                         | see table for material-specific data |
| Base Unit of Measure |             | <enter Base Unit of measure>                | see table for material-specific data |
| Material Grp         |             | <Choose appropriate >                       | see table for material-specific data |
| Old material number  |             | <enter the legacy material number if known> | see table for material-specific data |
| Division             |             | 10                                          |                                      |
| GenItemCatGroup      |             | NORM                                        |                                      |
| Gross weight         |             | <enter gross weight>                        | see table for material-specific data |
| Weight unit          |             | <enter weight unit>                         | see table for material-specific data |
| Net weight           |             | <enter net weight>                          | see table for material-specific data |

Enter the following values for each single material:

| Material | Material description       | Base unit of measure | Material group | Gross weight | Net weight | Weight Unit |
|----------|----------------------------|----------------------|----------------|--------------|------------|-------------|
| R09      | RAW09,PD,Batch-Fifo        | KG                   | YBR03          | 0.5          | 0,45       | KG          |
| R12      | RAW12,PD,Repetitive Manuf. | PC                   | YBR02          | 0.5          | 0,4        | KG          |

|       |                                        |    |       |     |      |    |
|-------|----------------------------------------|----|-------|-----|------|----|
| R120  | RAW120,PD,QualityManaged               | PC | YBR02 | 0.5 | 0.25 | KG |
| R122  | RAW122,PD,Batch-Fifo,ProcureImport     | PC | YBR02 | 0.5 | 0.3  | KG |
| R124  | RAW124,VB,Consumption,FixedBin         | PC | YBR02 | 0.8 | 0.5  | KG |
| R128  | RAW128,PD,Consignment                  | PC | YBR02 | 0.5 | 0.25 | KG |
| R13   | RAW13,PD,Subcontracting                | PC | YBR01 | 0.5 | 0.4  | KG |
| R1301 | RAW1301,MTO-VC,PD,Plastic              | PC | YBR01 | 0.5 | 0.4  | KG |
| R1302 | RAW1302,MTO-VC,PD,Metal                | PC | YBR02 | 0.5 | 0.4  | KG |
| R1303 | RAW1303,MTO-VC,PD,Golden               | PC | YBR02 | 0.5 | 0.4  | KG |
| R14   | RAW14,PD,Subcontracting                | PC | YBR01 | 0.5 | 0.4  | KG |
| R1401 | RAW1401,MTO-VC,PD,Plastic,Subcontract. | PC | YBR01 | 0.5 | 0.4  | KG |
| R1402 | RAW1402,MTO-VC,PD,Metal,Subcontract.   | PC | YBR02 | 0.5 | 0.4  | KG |
| R1403 | RAW1403,MTO-VC,PD,Golden,Subcontract.  | PC | YBR02 | 0.5 | 0.4  | KG |
| R15   | RAW15,PD                               | PC | YBR03 | 100 | 40   | G  |
| R16   | RAW16,PD                               | PC | YBR02 | 0.5 | 0.4  | KG |
| R1601 | RAW1601,MTO-VC,PD,Plastic              | PC | YBR01 | 0.5 | 0.4  | KG |
| R1602 | RAW1602,MTO-VC,PD,Metal                | PC | YBR02 | 0.5 | 0.4  | KG |
| R1603 | RAW1603,MTO-VC,PD,Golden               | PC | YBR02 | 0.5 | 0.4  | KG |
| R17   | RAW17,PD                               | PC | YBR01 | 0.5 | 0.4  | KG |
| R1701 | RAW1701,MTO-VC,PD,Plastic              | PC | YBR01 | 0.5 | 0.4  | KG |
| R1702 | RAW1702,MTO-VC,PD,Metal                | PC | YBR02 | 0.5 | 0.4  | KG |
| R1703 | RAW1703,MTO-VC,PD,Golden               | PC | YBR02 | 0.5 | 0.4  | KG |
| R18   | RAW18,PD                               | PC | YBR01 | 0.5 | 0.4  | KG |
| R1801 | RAW1801,MTO-VC,PD,Plastic              | PC | YBR01 | 0.5 | 0.4  | KG |
| R1802 | RAW1802,MTO-VC,PD,Metal                | PC | YBR02 | 0.5 | 0.4  | KG |

|       |                            |    |       |     |     |    |
|-------|----------------------------|----|-------|-----|-----|----|
| R1803 | RAW1803,MTO-VC,PD,Golden   | PC | YBR02 | 0.5 | 0.4 | KG |
| R19   | RAW19,PD,Batch-Fifo,LeanQM | L  | YBR03 | 4   | 4   | KG |
| R20   | RAW20.PD                   | PC | YBR02 | 0.5 | 0.4 | KG |
| R27   | RAW27,PD,Packaging Box     | PC | YBR03 | 0.5 | 0.4 | KG |
| R28   | RAW28,PD,Packaging Foil    | KG | YBR01 | 0.5 | 0.4 | KG |
| R30   | RAW30.VB,Batch-Fifo        | L  | YBR04 | 4   | 4   | KG |

2. Choose *Enter*.
3. On the *Basic data 2* tab page, choose *Enter*.

### 3.1.1.2 Sales Data

1. On the *Sales: sales org. 1* tab page, enter the following values, and choose *Enter*:

| Field name                         | Description | User action and values | Comment |
|------------------------------------|-------------|------------------------|---------|
| <i>Delivering plant</i>            |             | 1000                   |         |
| <i>Tax classification ("MWST")</i> |             | 1 for taxable          |         |

2. On the *Sales: sales org.2* tab page, enter the following values, and choose *Enter*:

| Field name          | Description | User action and values | Note |
|---------------------|-------------|------------------------|------|
| Acct assignment grp |             |                        |      |
| Item category group |             | NORM                   |      |

3. On the *Sales: General/plant* tab page, enter the following values and choose *Enter*:

| Field name         | Description | User action and values      | Note |
|--------------------|-------------|-----------------------------|------|
| Availability check |             | Y2 for Individ.requirements |      |
| Trans. Grp         |             | 0001                        |      |
| LoadingGrp         |             | 0002                        |      |
| Batch management   |             | <blank>                     |      |

4. On the *Sales text* tab page, enter text that should appear on sales documents for this material.



Materials are first created in the first sales organization. See *Maintain Material Master Extensions* (155.63) for extending materials to other sales organizations levels. Raw materials are only maintained for sales organization 1000.

### 3.1.1.3 Purchasing Data

1. On the *Initial purchasing* screen, enter the following values and choose *Enter*:

| Field name       | Description | User action and values   | Note                                 |
|------------------|-------------|--------------------------|--------------------------------------|
| Purchasing group |             | <enter purchasing group> | see table for material-specific data |

|                               |  |             |                                      |
|-------------------------------|--|-------------|--------------------------------------|
| Goods Receipt Processing Time |  | <# of days> | see table for material-specific data |
|-------------------------------|--|-------------|--------------------------------------|

| Material | Purchasing Group | Goods Receipt Processing Time (days) |
|----------|------------------|--------------------------------------|
| R09      | 100              | 1                                    |
| R12      | 100              | 0                                    |
| R120     | 101              | 0                                    |
| R122     | 101              | 0                                    |
| R124     | 101              | 1                                    |
| R128     | 101              | 0                                    |
| R13      | 100              | 0                                    |
| R1301    | 100              | 0                                    |
| R1302    | 100              | 0                                    |
| R1303    | 100              | 0                                    |
| R14      | 100              | 0                                    |
| R1401    | 103              | 0                                    |
| R1402    | 103              | 0                                    |
| R1403    | 103              | 0                                    |
| R15      | 100              | 1                                    |
| R16      | 100              | 0                                    |
| R1601    | 100              | 0                                    |
| R1602    | 100              | 0                                    |
| R1603    | 100              | 0                                    |
| R17      | 103              | 0                                    |
| R1701    | 100              | 0                                    |
| R1702    | 100              | 0                                    |
| R1703    | 100              | 0                                    |
| R18      | 102              | 0                                    |
| R1801    | 101              | 0                                    |
| R1802    | 101              | 0                                    |
| R1803    | 101              | 0                                    |
| R19      | 100              | 1                                    |
| R20      | 101              | 0                                    |
| R27      | 100              | 0                                    |
| R28      | 101              | 0                                    |
| R30      | 100              | 1                                    |

2. On the *Purchase order text* screen, enter text that should appear on purchasing documents for this material.

### 3.1.1.4 MRP Data

1. On the *MRP1* tab page, enter the following values and choose *Enter*.

| Field name     | Description | User action and values | Note                                                                                         |
|----------------|-------------|------------------------|----------------------------------------------------------------------------------------------|
| MRP type       |             | PD , VB                | The MRP type for materials R124 and R30 must be VB<br><br>PD for all the other row material. |
| MRP controller |             | <enter MRP controller> | see table for material-specific data                                                         |
| Reorder Point  |             |                        | see table for material-specific data                                                         |
| Lot size       |             | <enter lot size>       | see table for material-specific data                                                         |

2. Material-specific data MRP view 1:

| Material | MRP Controller | Reorder Point | Lot Size |
|----------|----------------|---------------|----------|
| R09      | 100            |               | EX       |
| R12      | 100            |               | EX       |
| R120     | 101            |               | EX       |
| R122     | 101            |               | EX       |
| R124     | 101            | 200           | EX       |
| R128     | 101            |               | EX       |
| R13      | 100            |               | EX       |
| R1301    | 100            |               | EX       |
| R1302    | 100            |               | EX       |
| R1303    | 100            |               | WB       |
| R14      | 100            |               | EX       |
| R1401    | 103            |               | EX       |
| R1402    | 103            |               | EX       |
| R1403    | 103            |               | WB       |
| R15      | 100            |               | EX       |
| R16      | 100            |               | EX       |
| R1601    | 100            |               | EX       |
| R1602    | 100            |               | EX       |
| R1603    | 100            |               | EX       |
| R17      | 103            |               | EX       |
| R1701    | 100            |               | EX       |
| R1702    | 100            |               | EX       |
| R1703    | 100            |               | EX       |
| R18      | 102            |               | EX       |
| R1801    | 101            |               | EX       |

| Material | MRP Controller | Reorder Point | Lot Size |
|----------|----------------|---------------|----------|
| R1802    | 101            |               | EX       |
| R1803    | 101            |               | EX       |
| R19      | 100            |               | EX       |
| R20      | 101            |               | EX       |
| R27      | 100            | 0             | EX       |
| R28      | 101            | 0             | EX       |
| R30      | 100            | 200           | EX       |

3. On the *MRP2* tab page, enter the following values and choose *Enter*.

| Field name                | Description | User action and values                                             | Note                                 |
|---------------------------|-------------|--------------------------------------------------------------------|--------------------------------------|
| Procurement type          |             | F                                                                  |                                      |
| Special procurement       |             | <enter special procurement key if required>                        | see table for material-specific data |
| Prod. Stor. Location      |             | 1020                                                               |                                      |
| Storage loc. for EP       |             | 1050                                                               |                                      |
| Plnd delivery time        |             | <enter total procurement time from source (vendor or other plant)> | see table for material-specific data |
| SchedMargin Key           |             | Required                                                           | see table for material-specific data |
| Backflush                 |             | <blank, 1 or 2>                                                    | see table for material-specific data |
| Stock determination group |             | 0001                                                               |                                      |

| Material | Special Procurement | Planned Delivery Time | Scheduling Margin Key | Backflush |
|----------|---------------------|-----------------------|-----------------------|-----------|
| R09      |                     | 10                    | 000                   |           |
| R12      |                     | 10                    | 000                   | 1         |
| R120     |                     | 10                    | 000                   |           |
| R122     |                     | 10                    | 000                   |           |
| R124     |                     | 10                    | 000                   |           |
| R128     | 10                  | 10                    | 000                   | 2         |
| R13      |                     | 10                    | 000                   |           |
| R1301    |                     | 5                     | 001                   |           |
| R1302    |                     | 5                     | 001                   |           |
| R1303    |                     | 5                     | 001                   |           |
| R14      |                     | 10                    | 000                   |           |
| R1401    |                     | 5                     | 001                   |           |

| Material | Special Procurement | Planned Delivery Time | Scheduling Margin Key | Backflush |
|----------|---------------------|-----------------------|-----------------------|-----------|
| R1402    |                     | 5                     | 001                   |           |
| R1403    |                     | 5                     | 001                   |           |
| R15      |                     | 10                    | 000                   | 1         |
| R16      |                     | 10                    | 000                   |           |
| R1601    |                     | 5                     | 001                   |           |
| R1602    |                     | 5                     | 001                   |           |
| R1603    |                     | 5                     | 001                   |           |
| R17      |                     | 10                    | 000                   |           |
| R1701    |                     | 5                     | 001                   |           |
| R1702    |                     | 5                     | 001                   |           |
| R1703    |                     | 5                     | 001                   |           |
| R18      |                     | 10                    | 000                   |           |
| R1801    |                     | 5                     | 001                   |           |
| R1802    |                     | 5                     | 001                   |           |
| R1803    |                     | 5                     | 001                   |           |
| R19      |                     | 10                    | 000                   |           |
| R20      |                     | 10                    | 000                   |           |
| R27      |                     | 10                    | 000                   |           |
| R28      |                     | 15                    | 000                   |           |
| R30      |                     | 10                    | 000                   |           |

4. Choose the *MRP3* tab page, check the following values and choose *Enter*.

| Field name               | Description | User action and values | Note |
|--------------------------|-------------|------------------------|------|
| Planning: Strategy Group |             | 40                     |      |

5. Choose the *MRP4* tab page, enter the following values and choose *Enter*.

| Field name  | Description | User action and values | Note                                 |
|-------------|-------------|------------------------|--------------------------------------|
| Indiv./Coll |             | <blank or 2>           | see table for material-specific data |

| Material | Indiv./ Collective Requirements |
|----------|---------------------------------|
| R09      | 2                               |
| R12      | 2                               |
| R120     | 2                               |
| R122     | 2                               |
| R124     | 2                               |
| R128     | 2                               |
| R13      | 2                               |

|       |   |
|-------|---|
| R1301 |   |
| R1302 |   |
| R1303 |   |
| R14   | 2 |
| R1401 |   |
| R1402 |   |
| R1403 |   |
| R15   | 2 |
| R16   | 2 |
| R1601 | 2 |
| R1602 | 2 |
| R1603 | 2 |
| R17   | 2 |
| R1701 | 2 |
| R1702 | 2 |
| R1703 | 2 |
| R18   | 2 |
| R1801 | 2 |
| R1802 | 2 |
| R1803 | 2 |
| R19   | 2 |
| R20   | 2 |
| R27   | 2 |
| R28   | 2 |
| R30   | 2 |

6. Choose *Enter*.

### 3.1.1.5 General/Storage Data

1. Choose the *initial Plant data/stor.* screen, and maintain data with:

| Field name        | Description | User action and values | Note              |
|-------------------|-------------|------------------------|-------------------|
| Storage Condition |             | 10                     | for all materials |

2. Choose *Enter* to pass to the 2<sup>nd</sup> screen.

3. Choose *Enter* to continue to warehouse data.

### 3.1.1.6 Warehouse Data

1. Choose the *Warehouse mgmt.1* tab page, and choose *Enter*.

2. Choose the *Warehouse mgmt.2* tab page, and choose *Enter*.

### 3.1.1.7 Accounting Data

1. On the *Accounting 1* tab page, make the following entries and choose *Enter*.

| Field name      | Description | User action and values            | Note                                 |
|-----------------|-------------|-----------------------------------|--------------------------------------|
| Price unit      |             | 100                               |                                      |
| Standard price  |             | <enter standard cost of material> | see table for material-specific data |
| Valuation Class |             | 3000                              |                                      |

| Material | Standard price |
|----------|----------------|
| R09      | 8              |
| R12      | 100            |
| R120     | 125            |
| R122     | 75             |
| R124     | 35             |
| R128     | 165            |
| R13      | 50             |
| R1301    | 50             |
| R1302    | 52             |
| R1303    | 64             |
| R14      | 75             |
| R1401    | 300            |
| R1402    | 365            |
| R1403    | 685            |
| R15      | 20             |
| R16      | 25             |
| R1601    | 25             |
| R1602    | 25             |
| R1603    | 25             |
| R17      | 88             |
| R1701    | 88             |
| R1702    | 95             |
| R1703    | 120            |
| R18      | 67             |
| R1801    | 67             |
| R1802    | 72             |
| R1803    | 90             |
| R19      | 12             |
| R20      | 130            |
| R27      | 75             |
| R28      | 225            |
| R30      | 57             |

2. Choose the *Accounting 2* tab page, and choose *Enter*.

### 3.1.1.8 Costing Data

1. On the *Costing 1* tab page, make the following entries and choose *Enter*.

| Field name      | Description | User action and values | Note |
|-----------------|-------------|------------------------|------|
| Material origin |             | select the checkbox    |      |

2. On *Costing 2* tab page, choose *Enter*.
3. A *Last data screen reached* dialog box displays.

4. Choose Yes to save.

## Result

The raw material is created.

### 3.1.2 Creating Semi-finished (HALB) Material

## Use

A new semi-finished material is needed.

## Procedure

1. Access the activity using one of the following navigation options:

|                         |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| <b>SAP ECC menu</b>     | <i>Logistics → Materials Management → Material Master → Material → Create (General) → Immediate</i> |
| <b>Transaction code</b> | MM01                                                                                                |

2. On the initial screen, enter the following values and choose *Enter*:

| Field name      | Description | User action and values              | Note                  |
|-----------------|-------------|-------------------------------------|-----------------------|
| Material        |             | required                            |                       |
| Industry sector |             | M Mechanical Engineer<br>C Chemical | see listed data below |
| Material type   |             | HALB Semi finished products         |                       |

- Maintain Industry sector M for the materials S21, S124, S224, S22, S2201, S2202, S2203, S23, S2301, S2302, S2303, S25, S325A and S325B
  - Maintain Industry sector C for material S24.
3. In the *Select View(s)* dialog box, select views:
    - Basic Data 1 and 2: for all materials
    - Sales Org. Data 1 and 2, Sales General Plant Data: for all materials
    - Purchasing and Purchase Order Text: for all materials
    - MRP views 1, 2, 3 and 4: for all materials
    - General Plant Data / Storage 1 and 2: for all materials
    - Warehouse Management 1 and 2: for all materials
    - Accounting 1 and 2: for all materials
    - Costing 1 and 2: for all materials

4. Choose *Enter*.

| Field name     | Description | User action and values | Note                                                                          |
|----------------|-------------|------------------------|-------------------------------------------------------------------------------|
| Plant          |             | 1000                   | first create the materials for plant 1000. see table below for further plants |
| Stor. location |             | <leave blank>          |                                                                               |

|               |  |      |                                                                                                         |
|---------------|--|------|---------------------------------------------------------------------------------------------------------|
| Sales Org.    |  | 1000 | first create the materials for sales organization 1000. see table below for further sales organizations |
| Distr.Channel |  | 10   |                                                                                                         |
| Warehouse No. |  | 110  | first create the materials for warehouse 110. see table below for further warehouses                    |

| Material | Plant 1 | Plant 2 | Sales Org. 1 | Sales Org. 2 | Warehouse 1 | Warehouse 2 |
|----------|---------|---------|--------------|--------------|-------------|-------------|
| S21      | 1000    |         | 1000         |              | 110         |             |
| S124     | 1000    |         | 1000         |              | 110         |             |
| S224     | 1000    |         | 1000         |              | 110         |             |
| S22      | 1000    |         | 1000         |              | 110         |             |
| S2201    | 1000    |         | 1000         |              | 110         |             |
| S2202    | 1000    |         | 1000         |              | 110         |             |
| S2203    | 1000    |         | 1000         |              | 110         |             |
| S23      | 1000    | 1100    | 1000         | 1100         | 110         | 120         |
| S2301    | 1000    |         | 1000         |              | 110         |             |
| S2302    | 1000    |         | 1000         |              | 110         |             |
| S2303    | 1000    |         | 1000         |              | 110         |             |
| S24      | 1000    |         | 1000         |              | 110         |             |
| S325A    | 1000    | 1100    | 1000         |              | 110         |             |
| S325B    | 1000    |         | 1000         |              | 110         | 120         |
| S25      | 1000    | 1100    | 1000         | 1100         | 110         | 120         |

5. Choose *Enter*:



Materials are first created in the primary organization level. See *Maintain Material Master Extensions (155.63)* for extending materials to other organization levels.

### 3.1.2.1 Basic Data

1. On the *Basic Data 1* tab page, enter the following values and choose *Enter*:

| Field name           | Description | User action and values                    | Note                                       |
|----------------------|-------------|-------------------------------------------|--------------------------------------------|
| Description          |             | <enter description>                       | see table below for material-specific data |
| Base Unit of Measure |             | <enter Base Unit of measure>              | see table below for material-specific data |
| Material Grp         |             | <Choose as required>                      | see table below for material-specific data |
| Prod. hierarchy      |             | 00001B000100000002;<br>00001B000100000003 | S24;<br>all other materials                |

|                 |  |                      |                                            |
|-----------------|--|----------------------|--------------------------------------------|
| Division        |  | 10                   |                                            |
| GenItemCatGroup |  | NORM                 |                                            |
| Gross weight    |  | <enter gross weight> | see table below for material-specific data |
| Net weight      |  | <enter net weight>   | see table below for material-specific data |
| Weight unit     |  | <enter weight unit>  | see table below for material-specific data |



For product hierarchy, use the drop-down selection tool. At each level, click once on the appropriate level, then click again [Next Level]. When you reach the appropriate end, choose *Choose*.

| Mat.  | Material description                 | Base unit of measure | Material group | Gross weight | Net Weight | Weight unit |
|-------|--------------------------------------|----------------------|----------------|--------------|------------|-------------|
| S124  | SEMI124,PD,Subassembly               | PC                   | YBR02          | 0.5          | 0.45       | KG          |
| S21   | SEMI21,PD,RepetitiveManuf.           | PC                   | YBR02          | 0.5          | 0.45       | KG          |
| S22   | SEMI22,PD,Phantom                    | PC                   | YBS02          | 0.5          | 0.45       | KG          |
| S2201 | SEMI2201,MTO-VC,PD,Phantom,Plastic   | PC                   | YBS02          | 0.5          | 0.45       | KG          |
| S2202 | SEMI2202,MTO-VC,PD,Phantom,Metal     | PC                   | YBS02          | 0.5          | 0.45       | KG          |
| S2203 | SEMI2203,MTO-VC,PD,Phantom,Golden    | PC                   | YBS02          | 0.5          | 0.45       | KG          |
| S224  | SEMI224,MTO,PD,Subassembly           | PC                   | YBR02          | 0.5          | 0.2        | KG          |
| S23   | SEMI23,PD,Subcontracting             | PC                   | YBS01          | 0.5          | 0.45       | KG          |
| S2301 | SEMI2301,MTO-VC,PD,Plastic,Subcontr. | PC                   | YBS01          | 0.5          | 0.45       | KG          |
| S2302 | SEMI2302,MTO-VC,PD,Metal,Subcontr.   | PC                   | YBS01          | 0.5          | 0.45       | KG          |
| S2303 | SEMI2303,MTO-VC,PD,Golden,Subcontr.  | PC                   | YBS01          | 0.5          | 0.45       | KG          |
| S24   | SEMI24,PD,Batch-Fifo                 | CCM                  | YBF02          | 7            | 6          | KG          |
| S25   | SEMI25,PD,ExternalProcurement        | PC                   | YBR03          | 0.5          | 0.45       | KG          |
| S325A | SEMI325A,PLM,PD,ExternalProcurement  | PC                   | YBR03          | 1            | 0.96       | KG          |
| S325B | SEMI325B,ECM,PD,ExternalProcurement  | PC                   | YBR03          | 1            | 0.96       | KG          |

2. Choose *Enter*.
3. On the *Basic data 2* tab page, choose *Enter*.

### 3.1.2.2 Sales Data

1. On the *Sales: sales org. 1* tab page, enter the following values, and choose *Enter*:

| Field name                  | Description | User action and values | Note |
|-----------------------------|-------------|------------------------|------|
| Delivering plant            |             | 1000                   |      |
| Tax classification ("MWST") |             | 1 for taxable          |      |

2. On the *Sales: sales org.2* tab page, enter the following values, and choose *Enter*:

| Field name          | Description | User action and values | Note |
|---------------------|-------------|------------------------|------|
| Acct assignment grp |             | 02                     |      |
| Item category group |             | NORM                   |      |

3. On the *Sales: General/plant* tab page, enter the following values and choose *Enter*:

| Field name         | Description | User action and values      | Note |
|--------------------|-------------|-----------------------------|------|
| Availability check |             | Y2 for Individ.requirements |      |
| Trans. Grp         |             | 0001                        |      |
| LoadingGrp         |             | 0002                        |      |
| Batch management   |             | <blank>                     |      |
| Profit Center      |             | YB120                       |      |

4. On the *Sales text* tab page, enter a text that you want to appear on sales documents for this material.
5. Choose the *Purchasing* tab page (ENTER does not work when the cursor is in a text field.)

### 3.1.2.3 Purchasing Data

1. On the *Purchasing* tab page, enter the following values and choose *Enter*:

| Field name                    | Description | User action and values   | Note                                                  |
|-------------------------------|-------------|--------------------------|-------------------------------------------------------|
| Purchasing group              |             | <enter purchasing group> | see table below for material- and plant-specific data |
| Goods Receipt Processing Time |             | <number of days>         | see table below for material- and plant-specific data |

| Material | Plant | Purchasing group | Goods Receipt Processing Time (days) |
|----------|-------|------------------|--------------------------------------|
| S124     | 1000  | 100              | 0                                    |
| S21      | 1000  | 100              | 0                                    |
| S22      | 1000  | 100              | 0                                    |
| S2201    | 1000  | 100              | 0                                    |
| S2202    | 1000  | 100              | 0                                    |
| S2203    | 1000  | 100              | 0                                    |
| S224     | 1000  | 100              | 0                                    |

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