

# BW -Material Master Key Information

- General presentation
  - Objective of the application
  - Usage information
  - History
- Roles & Access
  - Roles and access
  - Authorization objects
- Dataflow overview
  - Functional and Technical rules on Workbench + Reporting
  - Rules & Explanations
    - Data source level changes
    - BW Changes
  - Dependencies with other applications
- Data loadings
  - Info providers and objects loaded
  - Loading frequency
  - Average performance
  - Record Keeping
- Reporting
  - Queries End User Documentation
  - Main queries
  - Main functionalities
  - Broadcast
- Maintenance
  - Known bugs
  - Recurring procedure
  - Planned Evolution

## General presentation

### Objective of the application

This report in BW Shows combined attributes of Material class attributes (Class-- Z\_CM\_MAT) and Material master attributes from WP1

There are two transactions in WP1 that can be used for Material master key information

**MM03:** Material Master attributes

**CLO2:** Material class attributes

### Usage information

### History

<https://drive.google.com/drive/folders/1uhzOszJxrDsikG4l0-tCNRZWdKd2Aenc>

## Roles & Access

### Roles and access

List of application role + menu role and explanation if we have several applications role with specials rules.

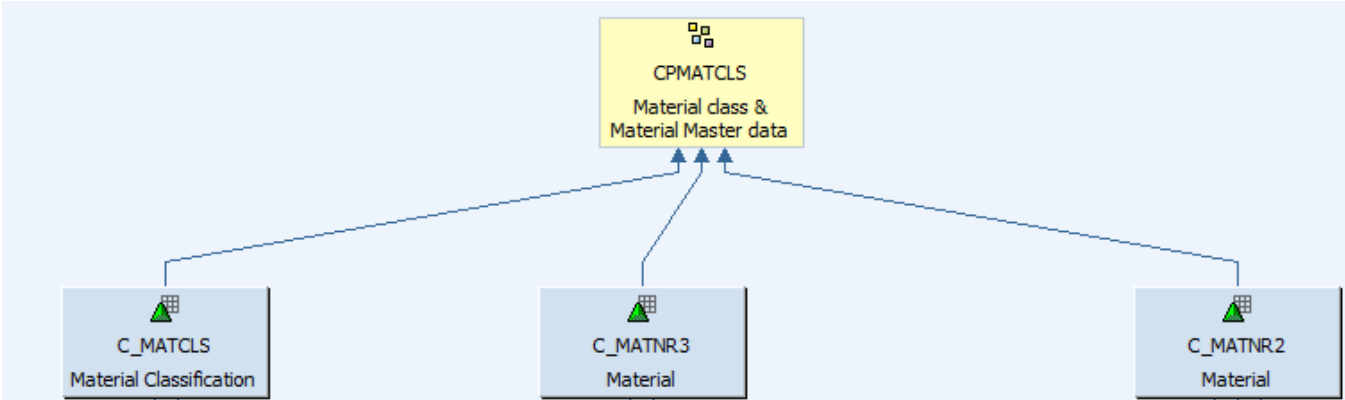
| Role Code | Role Description | Explanation |
|-----------|------------------|-------------|
|           |                  |             |
|           |                  |             |
|           |                  |             |

### Authorization objects

List of autorisation objects mandatory for the application.

| Authorization object | Explanation |
|----------------------|-------------|
|                      |             |
|                      |             |
|                      |             |

Dataflow overview



Functional and Technical rules on Workbench + Reporting

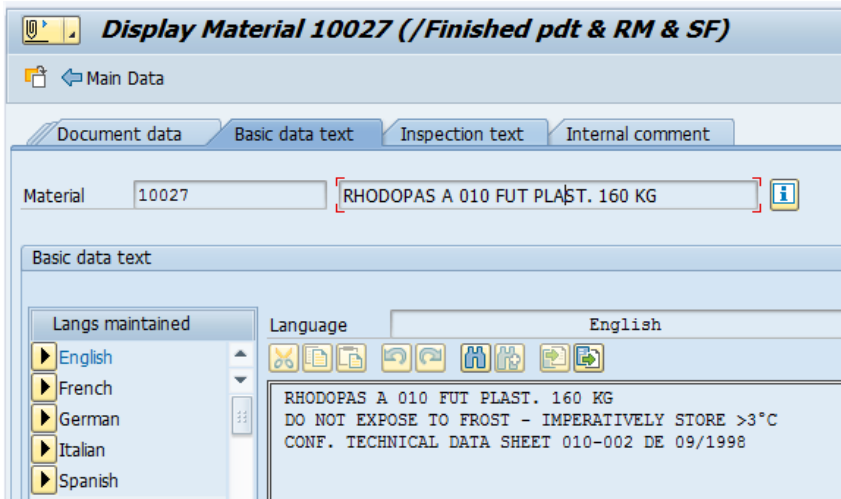
Rules & Explanations

Data source level changes

- 1. Added the class characteristics with class type- Z\_CM\_MAT to 1CL\_OMAT001 Data source in WP1

| Basic data                    | Keywords | Char.                | Texts  | Document | Std    |
|-------------------------------|----------|----------------------|--------|----------|--------|
| Char.                         |          |                      |        |          |        |
| Z_CM_MAT_OLD_PART_NUMBER      |          | Description          | Dat... | N...     | D... U |
| Z_CM_MAT_OLD_PART_DESCRIPTION |          | Old Part Number      | CHAR   | 10       | 0      |
| Z_CM_MAT_SHELF_LIFE_BEGINS    |          | Old Part Description | CHAR   | 30       | 0      |
| Z_CM_MAT_MATERIAL_SUBCATEGORY |          | Shelf Life Begins    | CHAR   | 3        | 0      |
| Z_CM_MAT_RESIN_TYPE           |          | Material Subcategory | CHAR   | 3        | 0      |
| Z_CM_MAT_REINFORCEMENT_TYPE   |          | Resin Type           | CHAR   | 3        | 0      |
| Z_CM_MAT_PRODUCT_FORM         |          | Reinforcement Type   | CHAR   | 3        | 0      |
| Z_CM_MAT_SUBLOT_TYPE          |          | Product Form         | CHAR   | 3        | 0      |
| Z_CM_MAT_RESIN_NAME           |          | Sublot Type          | CHAR   | 15       | 0      |
| Z_CM_MAT_FIBER_TYPE           |          | Resin Name           | CHAR   | 12       | 0      |
| Z_CM_MAT_FIBER_MODULUS        |          | Fiber Type           | CHAR   | 3        | 0      |
| Z_CM_MAT_FIBER_TRADENAME      |          | Fiber Modulus        | CHAR   | 8        | 0      |
| Z_CM_MAT_FIBER_TOW_SIZE       |          | Fiber Tradename      | CHAR   | 15       | 0      |
| Z_CM_MAT_FIBER_TWIST          |          | Fiber Tow Size       | CHAR   | 4        | 0      |
| Z_CM_MAT_SIZING               |          | Fiber Twist          | CHAR   | 3        | 0      |
|                               |          | Sizing               | CHAR   | 8        | 0      |

- 2. Enhanced the Basic data text field to Data source -0MATERIAL\_ATTR in WP1



3. Create the below Text Data flow for Material class characteristics in WP1.

1CL\_AZ\_C008  
 1CL\_AZ\_C009  
 1CL\_AZ\_C010  
 1CL\_AZ\_C011  
 1CL\_AZ\_C012  
 1CL\_AZ\_C013  
 1CL\_AZ\_C014  
 1CL\_AZ\_C015  
 1CL\_AZ\_C016  
 1CL\_AZ\_C018  
 1CL\_AZ\_C019  
 1CL\_AZ\_C020  
 1CL\_AZ\_C021  
 1CL\_AZ\_C022  
 1CL\_AZ\_C023  
 1CL\_AZ\_C024  
 1CL\_AZ\_C026

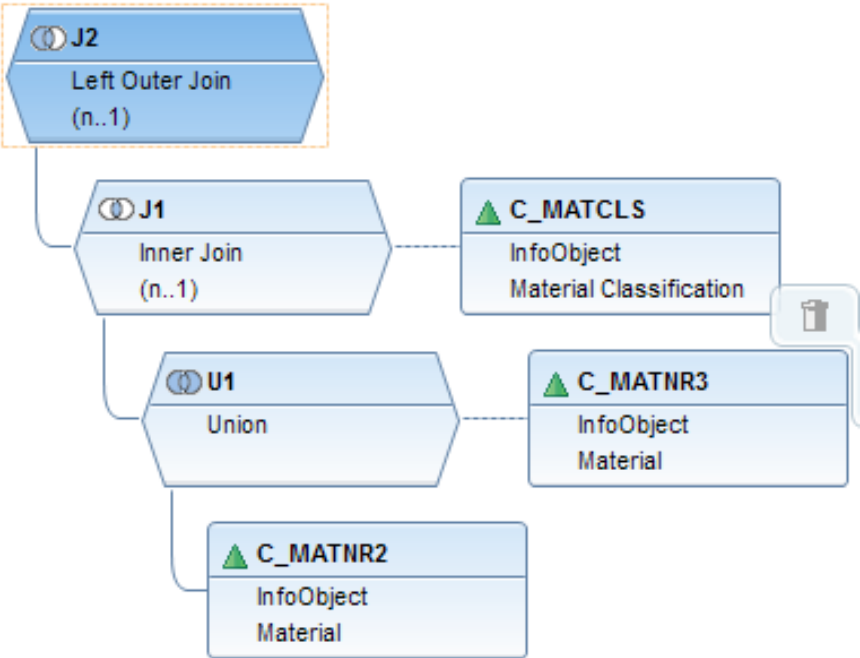
## **BW Changes**

We have created new report based on three Master data objects : **C\_MATNR2 + C\_MATNR3 and C\_MATCLS**

Reason to create C\_MATNR3 is, not possible to add additional attributes to existing Master data C\_MATNR2

Composite provider designed based on CPMATCLS,

We have combined C\_MATNR2 and C\_MATNR3 using inner join and C\_MATCLS as outer join to this Join.



Dependencies with other applications

Data loadings

Info providers and objects loaded

Loading frequency

Average performance

| Key Figure                           | Estimation |
|--------------------------------------|------------|
| ~ Average Process Chain Runtime      |            |
| ~ Average nb of rows loaded per load |            |
| ~ Total nb of rows loaded (if full)  |            |
| ~ Average Runtime for 10k lines      |            |

Record Keeping

Reporting

Queries End User Documentation

Main queries

Main functionalities

Broadcast

Maintenance

Known bugs

Recurring procedure

Planned Evolution