

What is the user of CLASSIFICATION view in material master?

Classes allow you to classify materials with the same characteristics. A material can be assigned to one or more classes. Classification data is valid for the whole company

I want to maintain CLASSIFICATION View in Material master. What are the prerequisites?

For creating the material with classification view, in the material type Classification view should be activated.

Go to OMS2, Select the material type & click on details.

Check for the material type Classification view is selected or not.

Select it if not selected.

Before creating the material master you need to maintain the Characteristics using CT04 & Class using CL02 with Class type 001 - Material class

Creation of Characteristics- CT04:

Ex: Characteristic M005- Colour Pigment:

Basic Data Tab:

Characteristic: M005

Change Number:

Valid From: 05.07.2015 Validity

Basic data | Descriptions | Values | Addnl data | Restrictions

Basic data

Description: Color pigment

Chars Group: CHEM Chemicals, Paints

Status: 1 Released

Auth.Group:

Format

Data Type: CHAR Character Format

Number of Chars: 15

Case Sensitive

Template:

Value Assignment

Single Value

Multiple Values

Restrictable

Entry Required

Values Tab:

Characteristic: M005

Change Number:

Valid From: 05.07.2015 Validity

Basic data | Descriptions | Values | Addnl data | Restrictions

Additional Values Other Value Check

Allowed Values

Char. Value	Description	D	O	S
1	White	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Yellow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Red	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Blue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Green	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Black	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Gray	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Data Tab:

Table and Field names are not mandatory. For few fields, we provide Table and Field Name. Few examples are given below for class type 022

Ex: For Characteristic Batch Number: Table – MCH1, Field – CHARG

For Vendor Batch Number: Table MCH1, Field - LICHA

The screenshot shows the SAP configuration interface for a characteristic. At the top, the characteristic is identified as 'M005'. Below this, there are fields for 'Change Number' and 'Valid From' (05.07.2015), along with a 'Validity' button. A navigation bar includes tabs for 'Basic data', 'Descriptions', 'Values', 'Addnl data', and 'Restrictions'. The 'Basic data' section contains a 'Reference to Table Field' area with 'Table Name' and 'Field Name' fields. Below this is a 'Document' section with a 'Document' field (highlighted in yellow), 'Document Type', 'Document Part', and 'Doc. Version' fields. At the bottom, there are two sections: 'Procedure for Value Assignment' with checkboxes for 'Not Ready for Input', 'No Display', and 'Display Allowed Values'; and 'User Entry Handling' with a checkbox for 'Unformatted Entry'.

Ex: Characteristic M002- Colour Pigment:

Basic Data Tab:

Characteristic: M002
 Change Number:
 Valid From: 05.07.2015

Basic data | Descriptions | Values | Addnl data | Restrictions

Basic data

Description: Density
 Chars Group: CHEM Chemicals, Paints
 Status: 1 Released
 Auth.Group:

Format

Data Type: NUM Numeric Format
 Number of Chars: 4
 Decimal Places: 2
 Unit of Measure: g/ccm
 Template:
 Exp. display: 0 No exponent

Value assignment

Single-value
 Multiple Values
 Interval vals allowed
 Negative Vals Allowed
 Restrictable
 Entry Required

Values Tab:

Characteristic: M002
 Change Number:
 Valid From: 05.07.2015

Basic data | Descriptions | Values | Addnl data | Restrictions

Additional Values Unit of Measure: g/ccm Other Value Check

Allowed Values

Char. Value	D	O
0.10 - 2.00 g/ccm	<input type="checkbox"/>	<input type="checkbox"/>
2.00 - 5.00 g/ccm	<input type="checkbox"/>	<input type="checkbox"/>
5.00 - 8.00 g/ccm	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Additional Data Tab:

Characteristic: M002

Change Number:

Valid From: 05.07.2015

Validity

Basic data | Descriptions | Values | **Addnl data** | Restrictions

Reference to Table Field

Table Name: Field Name:

Document

Document: Document Type: Document Part: Doc. Version:

Procedure for Value Assignment

Not Ready for Input
 No Display
 Display Allowed Values

User Entry Handling

Unformatted Entry
 Propose Template

Creation of Class- CL01:

Create Class and assign above two characteristics.

Class: CH_K001

Class type: 001 Material class

Change Number:

Valid from: 05.07.2015

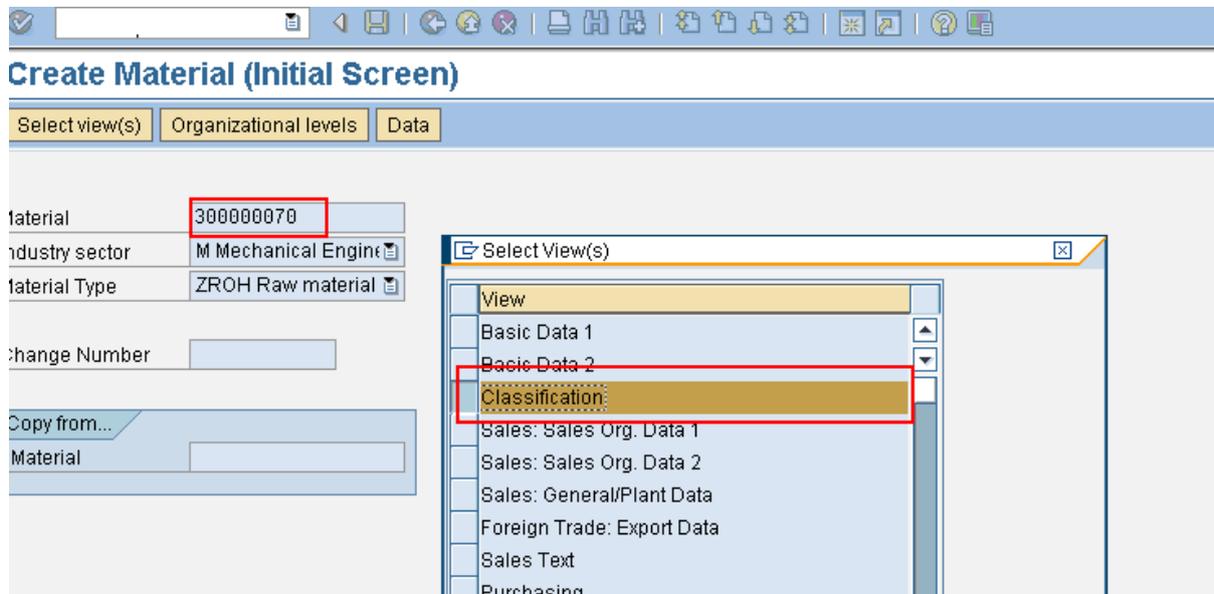
Validity

Basic Data | Keywords | **Char.** | Texts | Document | Std

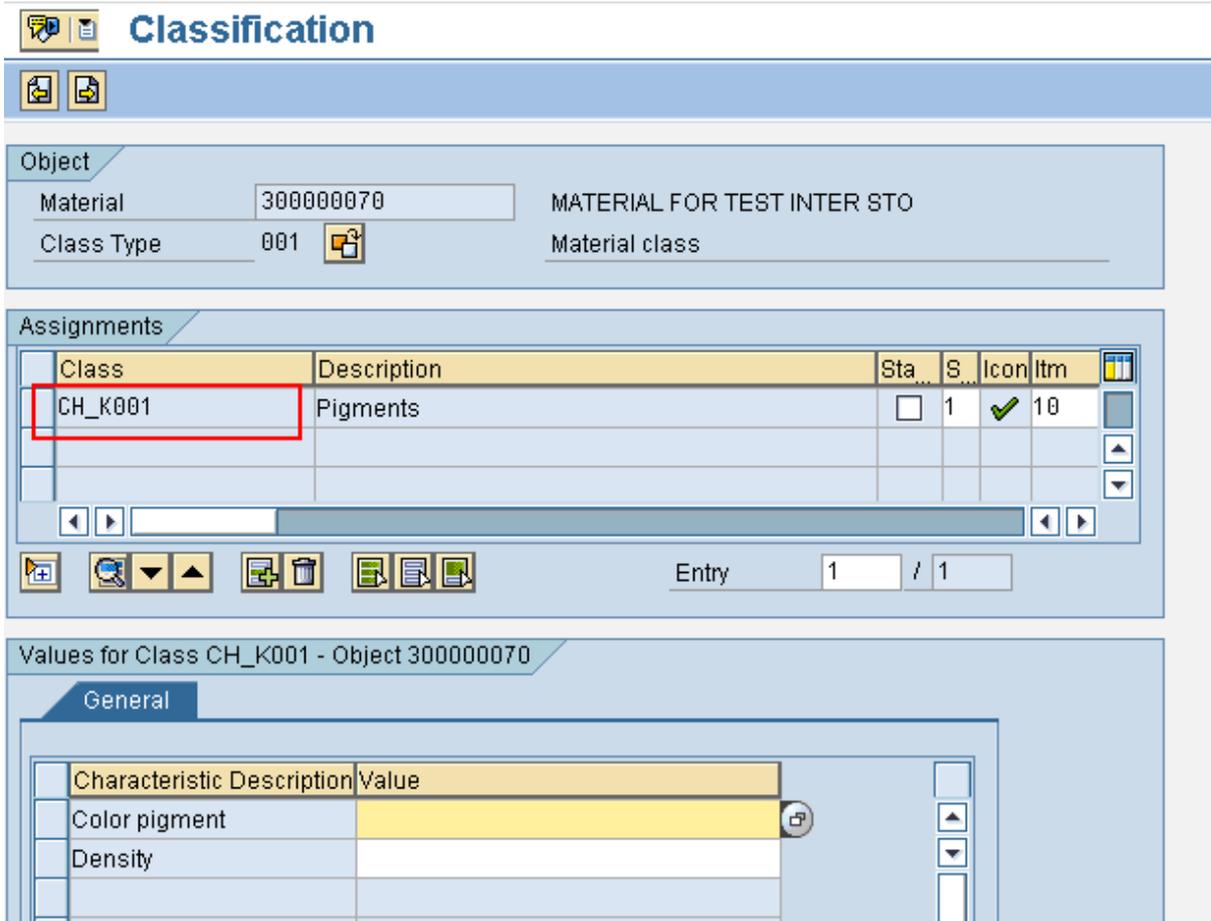
Char.	Description	Data...	N	D	Unit	R	Org. Areas	Std...	O	I	Origin	P	S
M005	for pigment	CHAR	15	0		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
M002	Density	NUM	4		2 g/ccm	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Extending Classification and assign Class to Material:

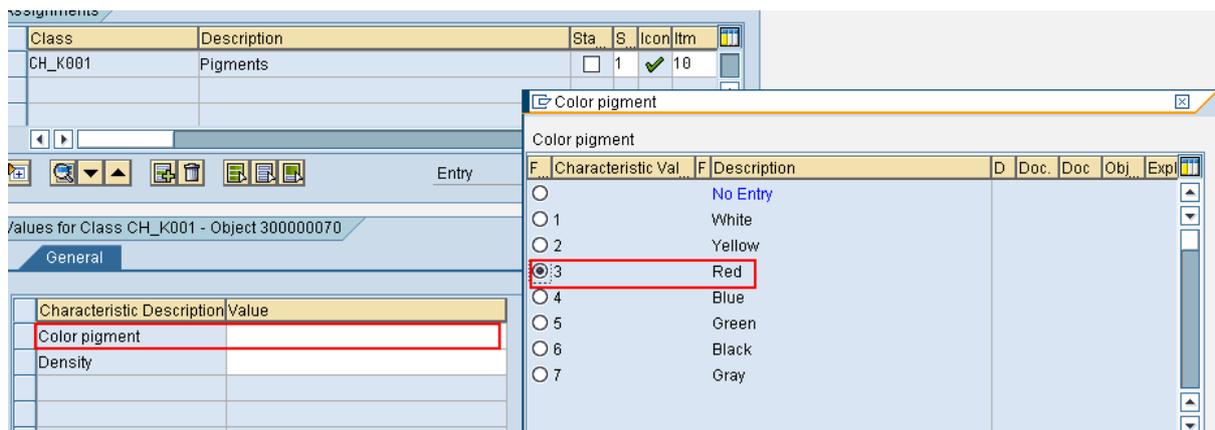
Go to T Code MM01 and give the material number for which you want to extend Classification view and then enter and select classification view. As classification view is at client level, it won't ask you any organizational data such as Plant, Storage Location etc.



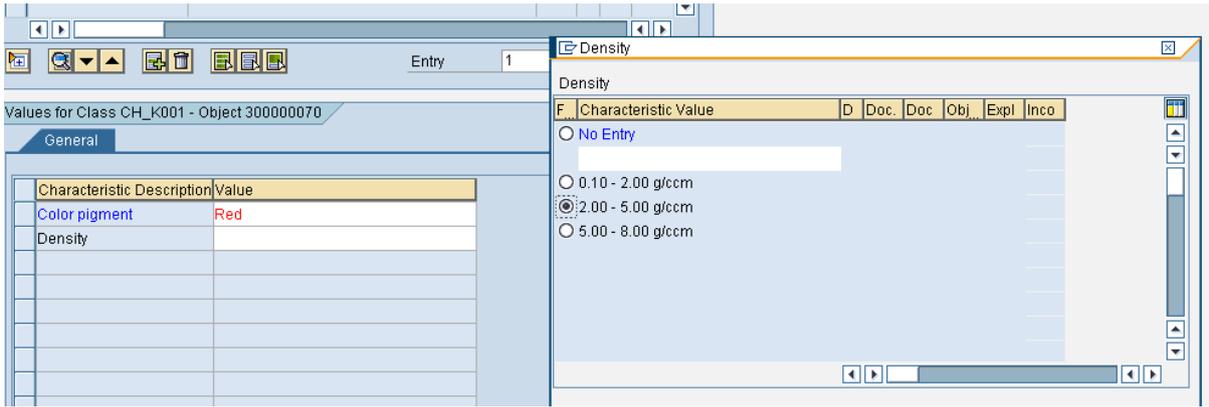
After clicking on Enter, below screen will be appeared. Now input the Class which was created in initial steps



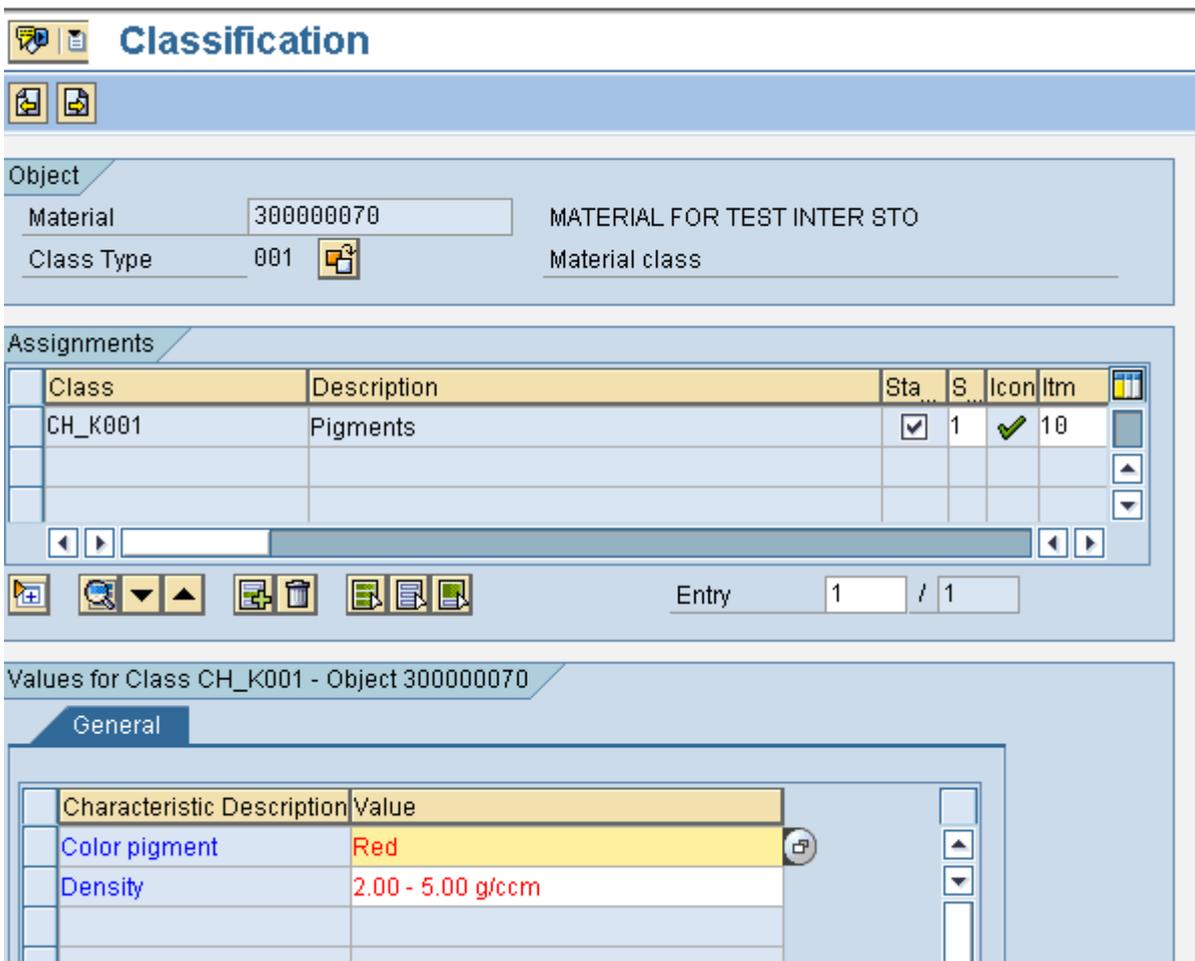
Now click on F4, below screen will be appeared. Select the correct option as required.



Then repeat the same for Density.



Below screen will be appeared after entering characteristics. Then save the material



From the Classification screen in the material master:

When you create classification data, the system asks you to choose a class type in a dialog box. If necessary, you can change the class type on the following screen, where you assign the material to one or more classes. Entries are made in the Description, Status, and Icon fields automatically on the basis of the classes you have chosen. If you have assigned the material to more than one class, you can flag one of the classes as the standard class. You can then assign values to the

characteristics. For example, if the characteristic is colour, you can assign it the value blue

Save the material after maintaining all the views required.

What are all tables related to Classification view of Material?

The classification information is found in tables:

- CABN
- CABNT
- CWANT
- KLAH
- CWAN

To know the classification values go to MM03 transaction

In that, choose classification tab, and then you can get the values according to the product.

The characteristics are stored in table CABN

In table A USP you find the CHAR type values of the characteristic.

While the numeric type values of a characteristic are stored in table CAWN

What is the code using which I can delete classification view data for Material Master?

Please see standard SAP program RCCLBI03

How to download Class assigned in Classification view of Material?

In MM50 you can get the list of materials having status C- classification view.

Then you can get the details in KSSK and KLAH you will get the details.

In CL03n you will get all assignment to a class.

Instead of using Tables, you can download it by using T Code CL30N (Find objects in Class)