

**Designation of Item Group**

| Prepared by | Checked by | Approved by |
|-------------|------------|-------------|
|             |            |             |

**1. Colorants**

**A) Organic and Inorganic Pigment** : Choose the ITEM GROUP by Color of the Raw Material

For example

|     |                 |   |                   |        |
|-----|-----------------|---|-------------------|--------|
| BK  | - Black         | : | the ITEM GROUP is | RM-BK  |
| WH  | - White         | : | the ITEM GROUP is | RM-WH  |
| PIG | - Color pigment | : | the ITEM GROUP is | RM-PIG |

The meaning of Abbreviation which is used for identified the ITEM GROUP

RM-BK is raw material Black  
 RM-WH is raw material White  
 RM-PIG is raw material Color pigment

**B) Dyestuff and Fluorescent Pigments** : Choose ITEM GROUP by type of Raw Material

For example

|   |                        |   |                   |        |
|---|------------------------|---|-------------------|--------|
| F | - Fluorescent Pigments | : | the ITEM GROUP is | RM-FLU |
| D | - Dyestuffs            | : | the ITEM GROUP is | RM-DY  |

The meaning of Abbreviation which is used for identified the ITEM GROUP

RM-FLU is raw material fluorescent  
 RM-DY is raw material dyestuff

**2. Polymeric carrier resins**

The code of the Polymer is starting with **(R)** then choose ITEM GROUP as RM-RE

For example

|    |        |   |                   |       |
|----|--------|---|-------------------|-------|
| LD | - LDPE | : | the ITEM GROUP is | RM-RE |
| HD | - HDPE | : | the ITEM GROUP is | RM-RE |

The meaning of Abbreviation which is used for identified the ITEM GROUP

RM-RE is raw material resin

### 3. Lubricant (Dispersing agent)

The code of the Lubricant is starting with **(L)** then chooses ITEM GROUP as RM-LU

For example

|    |                       |   |                   |       |
|----|-----------------------|---|-------------------|-------|
| LE | - Polyethylene Waxes  | : | the ITEM GROUP is | RM-LU |
| LP | - Polypropylene Waxes | : | the ITEM GROUP is | RM-LU |

The meaning of Abbreviation which is used for identified the ITEM GROUP

RM-LU is raw material Lubricant

### 4. Fillers

The code of the Fillers is starting with **(F)** then chooses ITEM GROUP by type of Raw Material

For Example

|    |                     |   |                   |       |
|----|---------------------|---|-------------------|-------|
| CC | - Calcium carbonate | : | the ITEM GROUP is | RM-CC |
| CO | - Calcium Oxide     | : | the ITEM GROUP is | RM-CO |
| BS | - Barium sulphate   | : | the ITEM GROUP is | RM-BS |
| TC | - Talcum            | : | the ITEM GROUP is | RM-TC |
| KL | - Kaolin            | : | the ITEM GROUP is | RM-KL |

The meaning of Abbreviation which is used for identified ITEM GROUP

RM-CC is raw material Calcium carbonate  
 RM-CO is raw material Calcium Oxide  
 RM-BS is raw material Barium sulphate  
 RM-TC is raw material Talcum  
 RM-KL is raw material Kaolin

### 5. Additives

CODE (A) represents the "Additive" group. Then choose ITEM GROUP by Additive

For Example

|    |                       |   |                   |       |
|----|-----------------------|---|-------------------|-------|
| AB | - Anti blocking agent | : | the ITEM GROUP is | RM-AD |
| AH | - Anti Hydrolysis     | : | the ITEM GROUP is | RM-AD |

The meaning of Abbreviation which is used for identified ITEM GROUP

RM-AD is raw material Additive

## **6. Heat stabilizers**

The code of the Heat Stabilizers is starting with (S) then ITEM GROUP is RM-STA

For Example

|    |   |         |   |                   |        |
|----|---|---------|---|-------------------|--------|
| CZ | - | Ca / Zn | : | the ITEM GROUP is | RM-STA |
| LE | - | Lead    | : | the ITEM GROUP is | RM-STA |

The meaning of Abbreviation which is used for identified ITEM GROUP

RM-STA is raw material Heat stabilizers

## **7. Plasticizer**

CODE (P) represents the "Plasticizer" group. Then the ITEM GROUP is RM-PL

For Example

|    |   |       |   |                   |       |
|----|---|-------|---|-------------------|-------|
| DO | - | DOP   | : | the ITEM GROUP is | RM-PL |
| DI | - | VDINP | : | the ITEM GROUP is | RM-PL |

The meaning of Abbreviation which is used for identified ITEM GROUP

RM-PL is raw material Plasticizer

## **8. Customer raw materials**

The meaning of Abbreviation which is used for identified ITEM GROUP

RM-CU is raw material customer

## 9. Designation of Item Group the Semi-raw material Code

### A. Semi pigment and Semi masterbatch

Semi masterbatch Filler then choose ITEM GROUP as SFL

Semi masterbatch White then choose ITEM GROUP as SWH

Semi pigment and Semi masterbatch Black then choose ITEM GROUP as SBK

Semi pigment and Semi masterbatch others then choose ITEM GROUP as SCOL

The meaning of Abbreviation which is used for identified ITEM GROUP

|      |    |             |
|------|----|-------------|
| SFL  | is | SEMI FILLER |
| SWH  | is | SEMI WHITE  |
| SBK  | is | SEMI BLACK  |
| SCOL | is | SEMI COLOUR |

### B. Semi Resin (The resin which is sent to grind to powder form) then choose ITEM GROUP as SRM

The meaning of Abbreviation which is used for identified ITEM GROUP

SRM is semi rawmaterial

## ประวัติการแก้ไข (History Record)

| ครั้งที่แก้ไข | วันที่แก้ไข | รายละเอียด  |
|---------------|-------------|---|
| 00            | 23/09/2557  | ขกร่างเอกสารใหม่  |
| 01            | 18/06/2561  | แก้ไข ITEM GROUP ในหัวข้อ Colorants, Additive และแก้ไข Example ในแต่ละหัวข้อให้เป็นไปในทิศทางเดียวกัน |
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