



TECHNICAL DATA SHEET

PRODUCT NAME: **FILLER MASTERBATCH**

PRODUCT GRADE: **IF018520020**

General Description

IF018520020 is a type of filler masterbatch containing super fine Calcium Carbonate in the basic Polyolefin. It is able to reduce volume formulation cost of the end-products, however it doesn't affect the quality (color, purity, dispersion and the smooth of product's surface). Moreover, **IF018520020** enhances the impact, surface's hardness, the duration of strength and elongation for products.

Technical Analysis

No	Items	Method of experiment	Unit	Value
1	CaCO ₃ content	ASH TESTER	%wt	85 ± 1
2	Carrier Resin PP and Additive content	ASH TESTER	%wt	15 ± 1
4	Bulk Density	-	g/cm ³	1.3±0.1
5	MFI (230°C/2.16kg)	ASTM D1238	g/10min	10-25
6	Partical size of CaCO ₃ (D97)	Malvern 3000	µm	20
7	Partical size of Filler masterbatch	-	mm	2 – 3
8	Moisture content	IR	%	<0.1

Application

- Compatibility : **PP**
- Processing Temperature : 180 - 280°C
- Main Application : Injection/extrusion molding, thermofoming PP
- Filling rate : **5 – 50 %**

Storage and packaging

- Keep at dry and cool place
- Packing: 25 kg/PP or PE bag

Technical Department