



TECHNICAL DATA SHEET

PRODUCT NAME: **FILLER MASTERBATCH**

PRODUCT GRADE: **IF018010040**

General Description

IF018010040 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, **IF018010040** 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	80 ± 1.0
2	Carrier Resin PP and Additive content	ASH TESTER	%wt	20± 1.0
4	Bulk Density	-	g/cm ³	1.3±0.1
5	MFI (230 ⁰ C/2.16kg)	ASTM D1238	g/10min	8-18
6	Partical size of CaCO ₃ (D97)	Malvern 3000	µm	10
7	Partical size of Filler masterbatch	-	mm	2 – 3
8	Moisture content	IR	%	<0.1

Application

- Compatibility : PP
- Processing Temperature : 180 - 320°C
- Main Application : Raffia with high speed PP
Injection/extrusion molding, thermorfoming PP
- Filling rate : 5 – 45 %

Storage and packaging

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

Technical Department