



TECHNICAL DATA SHEET

PRODUCT NAME: **FILLER MASTERBATCH**

PRODUCT GRADE: **IF018310051**

General Description

IF018310051 is a type of filler masterbatch containing super fine Calcium Carbonate in the basic PP coating. 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, **IF018310051** 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	83.0 ± 01
2	Carrier Resin PP and Additive content	ASH TESTER	%wt	17 ± 1
4	Bulk Density	ASTM D792	g/cm ³	1.3
5	MFI (230°C/2.16kg)	ASTM D1238	g/10min	30-40
6	Partical size of CaCO ₃	Malvern 3000	µm	10
7	Partical size of Filler masterbatch	-	mm	2 - 3
8	Moisture content	IR	%	<0.08

Application

- Compatibility : PP
- Processing Temperature : 150 - 350°C
- Main Application : PP Coating, lamilation
Injection/extrusion molding, thermorfoming PP
- Filling rate : 10 - 40 %

Storage and packaging

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

Technical Department