



TECHNICAL DATA SHEET

PRODUCT NAME: **WHITE MASTERBATCH**

PRODUCT GRADE: **IM-W940.V2**

General Description

IM-W940.V2 is a type of white masterbatch containing **40% TiO₂ Rutile** powder blend with CaCO₃ super fine in the basic Polyolefin. It is suitable for blow film, injection/extrusion. It will bring the end- product with high whiteness and high opacity.

Technical Analysis

Physical Property

No	Items	Method of experiment	Unit	Value
1	TiO ₂ Rutile pigment content	ASH TESTER	%wt	40.0 ± 2.0
2	Carrier Resin PE and Additive content	ASH TESTER	%wt	18.0 ± 2.0
3	CaCO ₃ content	ASH TESTER	%wt	42.0 ± 2.0
4	Density	ASTM D792	g/cm ³	2.24 ± 0.01
5	MFI (190°C/2.16kg)	ASTM D1238	g/10min	5 - 15
6	Partical size of CaCO ₃	Malvern 3000	µm	2.0 ± 0.2
7	Partical size of White masterbatch	-	mm	2 - 3
8	Moisture content	IR	%	<0.08

Application

- Compatibility : PE, PP
- Processing Temperature : 80 – 250 °C
- Main Application : Blowing film and blow molding
Injection/extrusion molding, Tapaulin
- Filling rate : 0.5 – 20 %

Storage and packaging

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

Technical Department