



TECHNICAL DATA SHEET

PRODUCT NAME: **WHITE MASTERBATCH**

PRODUCT GRADE: **IM-W970N.V3**

General Description

IM-W970N.V3 is a type of white masterbatch containing **70% TiO₂ Rutile** powder(non- extender) in the basic Polyolefin. It is suitable for blow film(mono-layer or multi-layer), injection/extrusion. It will bring the end- product with high whiteness, high opacity and dispersion

Technical Analysis

No	Items	Method of experiment	Value	Unit
1	TiO ₂ Rutile picment content	ASH TESTER	70.0 ± 0.5	%wt
2	Carrier Resin PE and Additive content	ASH TESTER	30.0 ± 0.5	%wt
3	Density	ASTM D792	1.990 ± 0.01	g/cm ³
4	MFI (190°C/2.16kg)	ASTM D1238	6 - 16	g/10min
5	Partical size of White masterbatch	-	2 - 3	mm
6	Moisture content	IR	<0.08	%

Application

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

Storage and packaging

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

Technical Department