

WMB-PP6035P PP White Masterbatch

WMB-PP6035P is a premium titanium dioxide (TiO₂) masterbatch engineered for polypropylene (PP) applications. It combines high-fluidity polypropylene resin with optimally dispersed titanium dioxide, processed through intensive mechanical shearing and twin-screw extrusion.

● Main Properties

- **Superior TiO₂ dispersion** – Eliminates agglomerates for consistent performance.
- **Exceptional optical properties** – High **coloring strength**, **opacity**, and **brightness**.
- **Concentrated formulation** – Delivers maximum coverage with minimal additive load.
- **Mechanical integrity** – Maintains the **strength** and **durability** of white PP films.

● Product specification

PHYSICAL PROPERTIES	AVERAGE VALUE
Appearance	White granule
Polypropylene (PP) Carrier (PP) (%)	35
Rutile Titanium Dioxide (%)	60
PE Wax (%)	5.0
Specific Gravity	1.5
Melt Flow Rate (MFR, kg/10min)	2-5
Bulk Density (g/100cc)	60
Weight of 100 pellets (g)	2-4
Moisture Content (% , Max.)	0.5

General Processing Conditions	Specification
Injection Pressure	80-120 MPa
Melt Temperature	200~220°C
Mold Temperature	30~70°C
Drying	4hr @ 80~85°C

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