TECHNICAL DATA / PRODUCT REFERENCE

# WMB-PE5036P

White Masterbatch

50% rutile titanium dioxide in a LLDPE carrier for film extrusion, sheet and molded plastic applications, with a light bluish undertone.

## Technical specifications

| PARAMETER | VALUE |
|---|---|
| Appearance | White granules |
| Carrier resin | LLDPE |
| Carrier content | 35.5% |
| TiO2 content | 50% |
| Crystal type | Rutile |
| Undertone | Light bluish |
| Specific gravity | 1.9 |
| Bulk density | 115 g/100cc |
| Moisture, maximum | 0.5% |
| Weight of 100 pellets | 2-4 g |
| Calcium carbonate | 10% |
| Processing aids | 4.5% |

## Processing guidance

| PARAMETER | VALUE |
|---|---|
| Injection pressure | 75-110 MPa |
| Melt temperature | 190-225 °C |
| Mold temperature | 30-70 °C |
| Drying | 3 h at 80-85 °C |

## Applications

Blown film / Cast film / Extruded sheet / Injection molding / Blow molding

## Technical notes

- Physical values are typical averages. Confirm suitability through trials in your resin and processing conditions.
- Melt flow rate is not published here because the supplied unit and test conditions need confirmation.

Compiled technical reference for material evaluation. This document is not a batch certificate or a guarantee of application performance.