TECHNICAL DATA / PRODUCT REFERENCE

WMB-PE5036E

White Masterbatch

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

Technical specifications

PARAMETER	VALUE
Appearance	White granules
Carrier resin	LLDPE
Carrier content	35.5%
TiO2 content	50%
Crystal type	Rutile
Undertone	Milky white
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.