TECHNICAL DATA / PRODUCT REFERENCE

WMB-PE8015E

White Masterbatch

80% rutile titanium dioxide in a PE carrier for film extrusion, sheet and molded plastic applications, with a milky white undertone.

Technical specifications

PARAMETER	VALUE
Appearance	White granules
Carrier resin	PE
Carrier content	15%
TiO2 content	80%
Crystal type	Rutile
Undertone	Milky white
Specific gravity	1.7
Bulk density	110 g/100cc
Moisture, maximum	0.5%
Weight of 100 pellets	2-4 g
Processing aids	5%

Processing guidance

PARAMETER	VALUE
Injection pressure	80-120 MPa
Melt temperature	185-225 °C
Mold temperature	20-60 °C
Drying	2 h at 75-80 °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.