

White Masterbatch 2606

Version 2026-10-22b · Revision 2026-10-22

CAS No. 1317-80-2

Product Description

White Masterbatch 2606 is high concentrated white masterbatch for the coloring of polyolefin. It contains 70 % TiO₂ (Rutile) in LLDPE.

Applications

- Co-extrusion for flexible packaging films
- Films requiring very-high opacity at low LDR
- Very thin gauge films (up to 50 microns) - shopping bags
- Films with moderate loading of TiO₂
- LLDPE rich films for oil, & milk tubing
- Multi-layer and Mono-layer films
- Non-critical application of films with higher thickness
- High output machines where total residence time of material is less
- Woven sacks

Main Features

- Provides very good opacity on the films.
- Due to the good dispersion, masterbatch imparts good shine & strength to the films.

Recommended Dosage

For injection and blow molding applications we recommend an addition rate of 1 to 3% of White Masterbatch 2606 (depending on the opacity required). An addition rate up to 20 % for film applications is also possible.

Packaging

Paper bag with PE inner lining. 25Kg/bag

Physical Data

Density (g/cm ³)	2.19
Form of supply	White Granule
Moisture	≤800 ppm
Light fastness (scale 1–8)	8
Heat stability	280°C / 536°F
Content	70% TiO ₂
Bulk density	1.37 g/cm ³
Base resin	LLDPE
Melt flow index	12 g/10 min at 190 °C
Weather fastness	5 (scale 1–5)
Recommended dosage	1–3% for injection and blow moulding; up to 20% for films

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Packaging, Shipping & Storage

White Masterbatch 2606 is supplied as white granule. The product is packed in 25 kg bag and shipped on pallets of 1000 kg. Protect from humidity, sunlight and temperature; close open containers carefully. Shelf life: 12 months.

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