GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ HD 02030M C | Compatibilizer

Product Description

GRAFTABOND™ HD 02030M C is a high-density polyethylene grafted with a high level of maleic anhydride, for HDPE blends with polar fillers, reinforcements and other polymers.

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Physical Form	granules	
Bound MAH	2.5–3 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 2.16 kg	18–20 g/10 min (*)	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

(*) can be regulated to customer needs

Applications

Compatibilizer for polyethylene/polyamide compounds, blends and alloys.

Coupling agent for PE compounds filled with mineral fillers or natural fibres.

Processing & Dosage

GRAFTABOND™ HD 02030M C is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

Typical dosage: 1–4 % of the total formulation, depending on the fibre or filler content; the optimum is set in trials.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and affect the product's physical properties. For easy handling and storage, it is normally packed in 25 kg bags (50 bags per pallet).

Store in the original packaging in a cool, dry, well-ventilated area, away from heat sources, moisture and direct sunlight.

Shelf Life

24 months from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

GRAFT POLYMER D.O.O.
Struge 18, Borovnica 1353 Slovenia
Company Num. 8056200000, VAT. SI 30561345
info@graftpolymer.com

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