GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ HD 00630M C |Compatibilizer

Product Description

GRAFTABOND™ HD 00630M C is a maleic anhydride-grafted HDPE (HDPE-g-MAH) compatibilizer for HDPE blends with polar fillers, reinforcements and other polymers. High MAH content; improves the mechanical properties of PE blends.

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	5–10 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

(*) can be regulated to customer needs

Applications

Compatibilizer in polyethylene/polyamide compounds, blends and alloys.

Coupling agent for filled polyethylene compounds (mineral fillers, natural fibres).

Processing & Dosage

GRAFTABOND™ HD 00630M C is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

1–4 % additive (as supplied) based on the total formulation, depending on fibre/filler content. These levels are for orientation only; the optimum content should be determined in laboratory tests.

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.

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