GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ POE 00110M 58 IM |Impact Modifier

Product Description

GRAFTABOND™ POE 00110M 58 IM is a maleic anhydride grafted ethylene–octene copolymer.

Typical Properties

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

Physical Form	granules	
Bound MAH	0.5–0.8 wt %	FTIR (Internal Method)
Density	0.868 g/cm^3	ASTM D792
Melt flow rate (MFR) 190 °C / 2.16 kg	0.2–0.4 g/10 min (*)	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980
Glass transition temperature	−52 °C	Internal Method

(*) can be regulated to customer needs

Applications

Impact modifier for polyamide compounds, filled and unfilled: the anhydride reacts with polyamide amine end groups.

Blends for golf ball covers.

Compatibilizer for flame-retardant mineral fillers (ATH, MDH) in halogen-free polyolefin-based wire and cable compounds.

Processing & Dosage

GRAFTABOND™ POE 00110M 58 IM is processable on most thermoplastic processing equipment.

Suitable for extrusion and moulding.

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 20 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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