GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ EPDM 00110M IM |Impact Modifier

Product Description

GRAFTABOND™ EPDM 00110M IM is a maleic anhydride grafted EPDM impact modifier for polyamide compounds.

Typical Properties

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

Physical Form	granules	
Bound MAH	0.5–1 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 5.0 kg	1–2 g/10 min	ISO 1133 / ASTM D1238
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

Applications

Impact modifier for polyamide compounds: the anhydride reacts with polyamide amine end groups, giving a finely dispersed rubber phase.

Improved notched and unnotched Izod and Charpy impact strength, including at low temperatures.

Processing & Dosage

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

Preferred for: Extrusion (Compounding)

Typical dosage: 5–20 % of the final formulation. These levels are for orientation only; the optimal content should be determined experimentally.

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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