GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ HD 00505M TL |Tie Layer

Product Description

GRAFTABOND™ HD 00505M TL is a maleic anhydride-grafted high-density polyethylene (HDPE-g-MAH).

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) 190 °C / 2.16 kg	0.3–0.5 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.4 %	ASTM D6980

Applications

Tie-layer adhesive for polar substrates.

Improves adhesion between PA and PE layers in multilayer structures.

Processing & Dosage

GRAFTABOND™ HD 00505M TL is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (co-extrusion)

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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