GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ SEBS 02525M C/IM |Compatibilizer / Impact Modifier

Product Description

GRAFTABOND™ SEBS 02525M C/IM is a maleic anhydride grafted SEBS (SEBS-g-MAH). It compatibilizes polyolefin-based compounds with polar polymers and fillers, and toughens them by increasing impact strength.

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 wt % (*)	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 5 kg	20–25 g/10 min (*)	ASTM D1238 / ISO 1133
Moisture (loss on drying) 105 °C	≤ 0.5 %	ASTM D6980
Shore A hardness	65–70 (*)	ISO 868

(*) can be regulated to customer needs

Applications

Toughening agent and compatibilizer for polyolefin compounds with polyamides (the anhydride reacts with polyamide amine end groups) and with styrene-based polymers.

Compatibilizer for filled compounds, e.g. cable compounds and wood–plastic composites (WPC).

Improved notched and unnotched Izod and Charpy impact strength.

Processing & Dosage

GRAFTABOND™ SEBS 02525M C/IM is processable on most thermoplastic processing equipment.

Recommended processing temperature: 180–250 °C.

Preferred for: Extrusion (Compounding), overmoulding (thermoplastic elastomers)

Typical dosage: 1–5 % of the final formulation.

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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