GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ SEBS 00720M C |Compatibilizer

Product Description

GRAFTABOND™ SEBS 00720M C is a high-performance maleic anhydride-grafted SEBS (SEBS-g-MAH). It compatibilizes polyolefin-based compounds with polar polymers and fillers and is an effective toughening additive, increasing impact strength and flexural properties.

Typical Properties

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

Physical Form	granules	
Bound MAH	2 (*) wt %	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 5 kg	6–7 g/10 min (*)	ISO 1133
Moisture (loss on drying) 105 °C	≤ 0.5 %	ASTM D6980

(*) can be regulated to customer needs

Applications

Toughening agent for compounds of polyolefins with polyamides and other polar polymers (e.g. golf balls, cable compounds, WPC).

Compatibilizer/coupling agent for filled compounds.

Improved flexural properties and notched/unnotched Izod and Charpy impact strength.

Processing & Dosage

GRAFTABOND™ SEBS 00720M C is processable on most thermoplastic processing equipment.

Recommended processing temperature: 180–250 °C.

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

GRAFTABOND™ SEBS 00720M C is usually added at 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.

GRAFT POLYMER D.O.O.
Struge 18, Borovnica 1353 Slovenia
Company Num. 8056200000, VAT. SI 30561345
info@graftpolymer.com

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