



GRAFTABOND™ SB-MAH 03020 IM

Styrene Butadiene Copolymer Grafted with Maleic Anhydride

Product Data

Description

GRAFTABOND™ SB-MAH 03020 IM is a copolymer of styrene and butadiene, grafted with high maleic anhydride content. This product provides enhanced stiffness and toughness to materials, while also maintaining excellent compatibility with polar and non-polar polymers, fibers and fillers.

Typical Properties

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

Characteristics	Value	Unit	Test Method
Maleic Anhydride Graft Level	1,5-2*	%	FTIR (internal method)
Melt Flow Index (200°C / 5 kg)	25-35*	g/10min	ISO 1133 / ASTM D1238
Drying Loss	>0,5	%	ASTM D6980

(*) can be regulated to customer needs

Supplied as: Granulate

Applications

- GRAFTABOND™ SB-MAH 03020 IM is a great additive for increasing toughness of rigid materials,
- Excellent compatibility with many polymers and polymer compounds.

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Product Data Sheet

Recommended Additive Levels

1-4 % additive (as supplied) based upon total formulation, depending on the fiber content.

These levels are only for orientation, optimal GRAFTABOND™ SB-MAH 03020 IM content should be determined experimentally.

Processing

Processable on most thermoplastic processing equipment.

Preferable for: Extrusion (Compounding)

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and have consequences on physical properties of the product. For easy handling and storage normally packed in 25 kg bags (50 bags per pallet).

Shelf Life: Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

The data listed here falls within the normal range of properties, but they should not be used to establish specification limits nor used alone as the basis of design. The GRAFT POLYMER Company assumes no obligations or liability for any advice furnished or for any results obtained with respect to this information. All such advice is given and accepted at the buyer's risk. The disclosure of information herein is not a license to operate under, or a recommendation to infringe, any patent of GRAFTABOND™ or others. Since GRAFT POLYMER cannot anticipate all variations in actual end-use conditions, GRAFT POLYMER makes no warranties and assumes no liability in connection with any use of this information.

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