



## GRAFTALEN™ MB-EMAH 00720

Ethylene-Maleic Anhydride Copolymer in Ethylene Butyl Acrylate Carrier

### Product Data

#### Description

GRAFTALEN™ MB-EMAH 00720 is a copolymer of ethylene and maleic anhydride with 80% of maleic anhydride by weight in ethylene-butyl acrylate carrier resin. Due to its high number of reactive anhydride groups, it has excellent interactions with polar functional groups. GRAFTALEN™ MB-EMAH 00720 is primarily designed for increasing mechanical and melt-flow properties in engineering plastics.

#### Typical Properties

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

Characteristics	Value	Unit	Test Method
Butyl Acrylate content in EBA	17	%	FTIR (Internal Method)
Maleic Anhydride copolymer content	≈20*	%	FTIR (internal method)
Melt Index (190°C / 2.16 kg)	5-10*	g/10min	ISO 1133 / ASTM D1238
Melting point	95	°C	ISO 11357-3
Density	0,924	g/cm <sup>3</sup>	ISO 1183 / ASTM D1505

**Supplied as:** Granulate

### Applications

- GRAFTALEN™ MB-EMAH is a great compatibilizer for polyamides and polyamide compounds,
- Increases mechanical properties of base material (Impact Strength, Flexural Properties),
- Improved wear resistance and melt strength.

### Processing

- GRAFTALEN™ E-MAH is processable on most thermoplastics processing equipment,
- Works best when polyolefin and calcium carbonate content is lower than 5%, and TiO<sub>2</sub> content is lower than 0,5%.

### 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 GRAFTALEN™ 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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