



GRAFTABOND™ EB-GMA 01520 CE

Ethylene – Butyl Acrylate copolymer with Epoxy Functionality

Product Data

Description

GRAFTABOND™ EB-GMA 01520 CE is a copolymer of ethylene and butyl acrylate, grafted with high amount of epoxy groups. It adds flexibility and good low temperature behavior to the base material. The high grafting degree adds additional functionality as a chain extender for polyesters and polyester based compounds.

Typical Properties

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

Characteristics	Value	Unit	Test Method
Epoxy Content	≈20	%	FTIR (internal method)
Melt Flow Index (190°C / 2,16 kg)	12-18*	g/10min	ISO 1133 / ASTM D1238
Drying Loss (105 °C)	< 0,5%	%	ASTM D6980

(*) can be regulated to customer needs

Supplied as: Granulate

Applications

GRAFTABOND™ EB-GMA 01520 CE is great for:

- Chain extender for polyesters and polyester compounds

Processing

- GRAFTABOND™ EB-GMA 01520 CE is processable on most thermoplastics processing equipment
- Preferable for: Extrusion (Compounding)
- It is recommended to avoid overheating above 320°C
- Purge the equipment after a run is completed

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Product Data Sheet

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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