



## GRAFTABOND™ HD-GMA 02530 C

High Density Polyethylene grafted with Glycidyl Methacrylate

### Product Data

#### Description

GRAFTABOND™ HD-GMA 02530 C is a compatibilizer for polyethylene blends with other polymers.

#### Typical Properties

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

Characteristics	Value	Unit	Test Method
Glycidyl Methacrylate Graft Level	2,5-3*	%	FTIR (Internal Method)
Melt Flow Index (190°C / 2,16 kg)	22-28*	g/10min	ASTM D1238 / ISO 1133
Drying loss (105 °C)	< 0,5	%	ASTM D6980

(\*) can be regulated to customer needs

**Supplied as:** Granulate

#### Applications

- Compatibilizer in thermoplastic polymer-polymer composites, compounds and alloys
- Best when used with PE and polyester (PET, PBT, etc.) compounds

#### Special Features and Benefits

- Improves mechanical properties: stiffness tensile and flexural properties, impact strength,
- Good flow properties.

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## Product Data Sheet

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### 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™ HD-GMA 02530 C content should be determined experimentally in laboratory tests.

### Processing

- Processable on most thermoplastic processing equipment.
- Preferable for: Extrusion (Compounding)

### Storage and Transportation

MSDS provided to recommend safe practices during usage and storage.

Storage temperature max. 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water. For easy handling and storage normally packed in 25 kg bags (50 bags per pallet).

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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