GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ PO 01020MGT-MF CA | Coupling Agent

Product Description

GRAFTABOND™ PO 01020MGT-MF CA is a polyolefin-based reactive coupling agent made with a proprietary triple-reaction grafting technology, for PE-based compounds with untreated fillers such as wood and mineral fillers.

Typical Properties

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

Physical Form	granules	
Total reactive groups	2–2.5 wt %	Internal Method
Melt flow rate (MFR) 190 °C / 2.16 kg	10–20 g/10 min	ISO 1133

Applications

Coupling agent for PE-based compounds filled with wood fibre (the reactive groups bond to hydroxyl groups on the fibre surface) and mineral fillers.

Compatibilizer for blends of polyolefins with chemically dissimilar polymers that carry reactive end groups.

Processing & Dosage

GRAFTABOND™ PO 01020MGT-MF CA is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

Effective dosage: 0.5–1.5 %; the final dosage depends on the client 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.

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