GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ PPC 50025M CA |Coupling Agent

Product Description

GRAFTABOND™ PPC 50025M CA is an upgraded maleic anhydride-grafted polyolefin (PP-g-MAH type) with high melt flow rate and very high graft level, giving good wetting of glass fibre and wood.

Typical Properties

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

Physical Form	granules	
Bound MAH	2.2–2.5 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 2.16 kg	500–600 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.3 %	ASTM D6980

Applications

Compatibilizer for PP and PE wood-plastic and glass-fibre compounds.

Coupling agent in glass-fibre-reinforced PP for automotive applications, with reduced fogging.

Coupling agent for mineral-filled polypropylene compounds.

Improves adhesion of polypropylene to polar substrates (metals, polar plastics).

Processing & Dosage

GRAFTABOND™ PPC 50025M CA is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

GRAFTABOND™ PPC 50025M CA is usually added at 0.8–1.5 % (for 30 % filler) of the final formulation. These levels ensure the best processing conditions and application performance.

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.

GRAFT POLYMER D.O.O.
Struge 18, Borovnica 1353 Slovenia
Company Num. 8056200000, VAT. SI 30561345
info@graftpolymer.com

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.