GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ PP 01050G C |Compatibilizer

Product Description

GRAFTABOND™ PP 01050G C is a high-performance glycidyl methacrylate-grafted polypropylene homopolymer (PP-g-GMA).

Typical Properties

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

Physical Form	granules	
Bound GMA	4–5 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 230 °C / 2.16 kg	6–10 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.3 %	ASTM D6980
Melting point	163 °C	ISO 3146

Applications

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

Improves adhesion of polypropylene to metals treated with amine-functional primers.

Processing & Dosage

GRAFTABOND™ PP 01050G C is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

GRAFTABOND™ PP 01050G C is usually added at 1–2.5 % of the final formulation.

Process at the processing temperature of the host polymer. Epoxide groups react with acid- and anhydride-functional polymers and can form gels: keep residence time short and purge before and after the run.

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.