GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ PP 02425M CAT |Coupling Agent

Product Description

GRAFTABOND™ PP 02425M CAT is a high-performance maleic anhydride-grafted polypropylene (PP-g-MAH). The high graft level adds polarity to the PP matrix, which greatly improves the compatibility of PP with 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	1000–1500 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	≤ 0.3 %	ASTM D6980

Applications

Coupling agent for wood-filled polypropylene compounds (WPC).

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

Processing & Dosage

GRAFTABOND™ PP 02425M CAT is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

GRAFTABOND™ PP 02425M CAT is usually added at 1–2 % 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.

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