GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ COPE 01010GM C | Compatibilizer

Product Description

GRAFTABOND™ COPE 01010GM C is a copolyester elastomer (COPE) based compatibilizer made with a proprietary dual-reaction grafting technology carrying epoxide (GMA) and anhydride (MAH) groups.

Typical Properties

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

Physical Form	granules	
Total reactive groups	> 1 wt %	Internal Method
Melt flow rate (MFR) 230 °C / 2.16 kg	9–12 g/10 min	ISO 1133

Applications

Compatibilizer for COPE/PET compounds: the epoxide groups react with polyester carboxyl and hydroxyl end groups.

Compatibilizer for TPU compounds.

Processing & Dosage

GRAFTABOND™ COPE 01010GM C is processable on most thermoplastic processing equipment.

Typical dosage: 3–8 %.

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.

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