GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTALEN™ MB PO-BIB 05 | Peroxide Masterbatch

Product Description

GRAFTALEN™ MB PO-BIB 05 is a polyolefin-based masterbatch containing 5 wt % di(tert-butylperoxyisopropyl)benzene (BIB), used to modify the melt flow of polyolefins, virgin or recycled.

Typical Properties

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

Physical Form	granules	
Active peroxide content (CAS 25155-25-3)	5 wt %	Internal Method
Bulk density	0.86 g/cm^3	ISO 1183
Melt flow rate (MFR) of the carrier 190 °C / 2.16 kg	8–10 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.15 %	ASTM D6980

Applications

Increases the melt flow rate (controlled rheology) of PP and PP compounds, virgin or recycled.

Decreases the melt flow rate of PE and PE compounds (crosslinking / branching).

Processing & Dosage

GRAFTALEN™ MB PO-BIB 05 is processable on most thermoplastic processing equipment.

Dosage depends on the application and the required result.

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

36 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

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