GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTALEN™ MB PO-101 05 | Peroxide Masterbatch

Product Description

GRAFTALEN™ MB PO-101 05 is a polyolefin-based masterbatch containing 5 wt % 2,5-dimethyl-2,5-di(tert-butylperoxy)hexane. It raises the melt flow of polypropylene by chain scission and is also used to crosslink rubbers and elastomers.

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 78-63-7)	5 wt %	Internal Method
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-101 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

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.