



GRAFTALEN™ MB-HMSPP 00100

High Melt Strength Polypropylene Masterbatch

Product Data

Description

GRAFTALEN™ MB-HMSPP 00100 is a masterbatch of long chain branched (LCB) homo-polypropylene. It's mainly designed to:

- Increase melt strength, drawability, and resistance to rupture during processing,
- Reduce deformation and sagging of melted polypropylene.

Typical Properties

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

Characteristics	Value	Unit	Test Method
Melt Index (230°C / 2.16 kg)	1*	g/10min	ISO 1133 / ASTM D1238
Melt Strength	110	cN	GPO Internal Method
Melting point	160	°C	ISO 11357-3
Density	0,9	g/cm ³	ISO 1183
Drying loss (105 °C)	< 0,5	%	ASTM D6980

(*) can be regulated to customer needs

Supplied as: Granules

Applications

- GRAFTALEN™ MB-HMSPP 00100 is used to make polypropylene processing easier, by increasing melt strength and stability at lower shear stresses.
- Sheet extrusion thermoforming, blow molding, extrusion coating, fiber/film extrusion, injection moulding...

Processing

- GRAFTALEN™ MB-HMSPP 00100 is processable on most thermoplastics processing equipment.
- It is best added in quantities from 5 % to 10 %, depending on the final formulation.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and have consequences on physical properties of the product. For easy handling and storage normally packed in 25 kg bags (50 bags per pallet).

Shelf Life: Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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 GRAFTALEN™ 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.

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