GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTALEN™ MB-HMSPP 00205 | Melt Strength Enhancer

Product Description

GRAFTALEN™ MB-HMSPP 00205 is a masterbatch for producing long-chain-branched (LCB) homopolypropylene. It is designed to increase melt strength, drawability and resistance to rupture during processing, and to reduce deformation and sagging of molten polypropylene.

Typical Properties

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

Physical Form	granules	
Melt flow rate (MFR) 230 °C / 2.16 kg	1–2 g/10 min (*)	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

(*) can be regulated to customer needs

Applications

Makes processing of virgin and recycled PP easier by increasing melt strength and stability at lower shear stresses.

Sheet extrusion and thermoforming, blow moulding, extrusion coating, fibre/film extrusion, injection moulding.

Processing & Dosage

GRAFTALEN™ MB-HMSPP 00205 is processable on most thermoplastic processing equipment.

Dosage: 10–45 %, depending on the final formulation requirements.

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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