GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ LL 00220M C |Compatibilizer

Product Description

GRAFTABOND™ LL 00220M C is an LLDPE-based maleic anhydride-grafted compatibilizer (LLDPE-g-MAH) for virgin and recycled polyethylene compounds and blends.

Typical Properties

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

Physical Form	granules	
Bound MAH	2–3.3 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 190 °C / 2.16 kg	2–3 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

Applications

Improves adhesion between layers in polymer packaging systems, virgin and recycled.

Compatibilizer for polyethylene/polyamide blends for blow moulding.

Improves mechanical properties: stiffness, tensile and flexural properties, impact strength.

Processing & Dosage

GRAFTABOND™ LL 00220M C is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

2–3 % additive (as supplied) based on the total formulation. These levels are for orientation only.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Storage temperature max. 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water. For easy handling and storage, it is normally packed in 25 kg bags (50 bags per pallet).

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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