GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ LLE 00220M CA |Coupling Agent

Product Description

GRAFTABOND™ LLE 00220M CA is a maleic anhydride functional alloy based mainly on LLDPE, used as a compatibilizer and coupling agent for virgin and recycled polyethylene compounds and filled 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 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 190 °C / 2.16 kg	1–2 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.4 %	ASTM D6980

Applications

Tie layer / adhesion promoter between polyethylene and polar layers (e.g. PA, EVOH) in multilayer packaging, from virgin and recycled materials.

Compatibilizer for polyethylene/polyamide blends for blow moulding.

Improves stiffness, tensile and flexural properties and impact strength of the compatibilized blends.

Processing & Dosage

Typical dosage: 2–3 % (as supplied) of the total formulation. These levels are for orientation only.

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 (55 bags per pallet).

Storage temperature max. 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water.

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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