GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ LL 00110M CA |Coupling Agent

Product Description

GRAFTABOND™ LL 00110M CA is a maleic anhydride grafted alloy for ATH/MDH-filled cable compounds.

Typical Properties

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

Physical Form	granules	
Bound MAH	1 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 190 °C / 2.16 kg	0.5–1 g/10 min	ISO 1133
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

Applications

Coupling agent that gives stable bonding between polyethylene or ethylene copolymers and mineral fillers such as aluminium trihydroxide (ATH) and magnesium hydroxide (MDH).

For halogen-free flame-retardant compounds with high mineral filler loadings, such as insulation and sheathing compounds for wires and cables.

Processing & Dosage

Suitable for cable compound production on common equipment (internal mixer, co-kneader, twin-screw extruder).

Recommended dosage: 3.7–4.8 %.

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).

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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