GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTABOND™ EV 00320M CA |Coupling Agent

Product Description

GRAFTABOND™ EV 00320M CA is an ethylene–vinyl acetate copolymer grafted with maleic anhydride. The ethylene backbone makes it compatible with polyethylene and most ethylene copolymers; the vinyl acetate brings flexibility, softness and polarity, and the maleic anhydride adds reactive groups. This combination gives good compatibility with a wide range of polar and non-polar materials.

Typical Properties

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

Physical Form	granules	
Vinyl acetate content	28 %	FTIR (Internal Method)
Bound MAH	1.5–2 wt %	FTIR (Internal Method)
Melt flow rate (MFR) 190 °C / 2.16 kg	2–3 g/10 min (*)	ISO 1133 / ASTM D1238
Moisture (loss on drying) 105 °C	< 0.5 %	ASTM D6980

(*) can be regulated to customer needs

Applications

Compatibilizer in compounding; compatible with most polyolefin resins.

Base polymer for adhesive formulations.

Processing & Dosage

GRAFTABOND™ EV 00320M CA is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

Purge the equipment after a run is completed.

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).

Due to its low Vicat softening temperature (< 40 °C), the product may agglomerate, especially in warm storage conditions.

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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