GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

# GRAFTABOND™ EPDM 00315M IM | Impact Modifier

## Product Description

GRAFTABOND™ EPDM 00315M IM is an EPDM grafted with maleic anhydride, designed for toughening polyamides.

## Typical Properties

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

| | | |
|---|---|---|
| **Physical Form** | granules | |
| **Bound MAH** | 1–1.5 wt % | FTIR (Internal Method) |
| **Melt flow rate (MFR)** 280 °C / 2.16 kg | 1–5 g/10 min | ISO 1133 / ASTM D1238 |
| **Moisture (loss on drying)** 105 °C | < 0.5 % | ASTM D6980 |

(*) can be regulated to customer needs

## Applications

Toughening agent and impact modifier for polyamides: the anhydride reacts with polyamide amine end groups.

Raises notched and unnotched Izod and Charpy impact strength.

## Processing & Dosage

GRAFTABOND™ EPDM 00315M IM is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

The optimum content is set in trials.

## 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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