GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

# GRAFTABOND™ ABS 05025M CA | Coupling Agent

## Product Description

GRAFTABOND™ ABS 05025M CA is an acrylonitrile–butadiene–styrene (ABS) copolymer grafted with maleic anhydride.

## Typical Properties

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

| | | |
|---|---|---|
| **Physical Form** | granules | |
| **Bound MAH** | 2.5–3 wt % | FTIR (Internal Method) |
| **Density** | 1.04 g/cm$^3$ | ASTM D792 |
| **Melt flow rate (MFR)**<br>220 °C / 10 kg | 70–80 g/10 min (*) | ISO 1133 / ASTM D1238 |
| **Moisture (loss on drying)**<br>105 °C | < 0.5 % | ASTM D6980 |

(*) can be regulated to customer needs

## Applications

Compatibilizer for blends of ABS or SAN with polyamides: the anhydride reacts with polyamide amine end groups.

Coupling agent for glass-fibre-reinforced SAN, ABS and other styrenic polymers.

## Processing & Dosage

GRAFTABOND™ ABS 05025M CA is processable on most thermoplastic processing equipment.

Preferred for: Extrusion (Compounding)

Dosage is set in trials for each formulation.

## 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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