

PT GANA SOLUSI MATERIAL

TECHNICAL DATA SHEET

Coupling Agent MAPP 9012 GA

Coupling agent for short and long glass fiber reinforced polypropylene (PP) compounds.

Product Data

Composition: Polypropylene functionalized with maleic anhydride.

Typical Properties

Property	Typical Value
MFR (190°C, 2.16 kg)	50–110 g/10 min
Drying loss (3 h, 110°C)	< 0.5%
MAH content	> 0.9%
Form	Granules

Applications

- Coupling agent for short and long glass fiber reinforced polypropylene compounds.

Features & Benefits

- Improves bonding between PP matrix and glass fiber.
- Enhances mechanical properties.
- Effective at low dosage.
- Does not promote discoloration.

Recommended Dosage

0.5–2.0% based on total formulation, depending on glass fiber content. Optimum dosage should be determined through laboratory trials.

Processing

Ensure good wetting of fibers/fillers. Add the product in the main feed during compounding for optimum performance.

Storage

Store below 35°C, relative humidity below 80%, away from direct sunlight and moisture.

Disclaimer

The information contained in this Technical Data Sheet is based on typical product characteristics and is provided for guidance only. Users should evaluate suitability under their own processing conditions.