

Synthomer™ G-3003 is a maleic anhydride grafted polypropylene recommended as a coupling agent for polypropylene (PP) composites. Because of the polarity and anhydride functionality, Synthomer™ G-3003 is useful for laminating, as a compatibilizer for PP blends with nylon or EVOH, and for enhancing the strength of composites that utilize reinforcements / fillers such as glass, talc, calcium carbonate, and metals.

- Balances attraction between polar fillers / reinforcements and non polar polymers
- Coupling agent for PP composites
- Maleic anhydride grafted polypropylene (PP)

For further information regarding this product please refer to:

Synthomer Adhesive Technologies

eMail: Adhesive.Technologies@Synthomer.com

Property	Typical Value	Unit	Method ¹
Acid Number	8	mg KOH/g	
Melt Viscosity at 190°C	60,000	cP	ASTM D3236, Brookfield
Yellowness Index	35		ASTM D6290
Polymer Type	Pellets		

¹ internal method based upon the specified norm

Applications

Caulks and Sealants, Additives, Metal coatings, Protective, Speciality tapes

Compatibility and Solubility

Synthomer™ polymers are compatible with many polymers, resins, and natural and synthetic waxes.

Packaging

Synthomer™ G-3003 polymer is supplied as free-flowing pellets, packaged in plastic bags [22.67 kg (50 lb) net weight]. The bags are palletized and stretch wrapped to prevent contamination during storage and shipment.

Comments

Properties reported here are typical values. Synthomer makes no representation that the material in any particular shipment will conform exactly to the values given.