

Polyester toughener & Polyester-based alloys compatibilizer

Description

Fine-Blend[®] SOG-03 is a glycidyl methacrylate grafted polymer with high reactivity and low residue. The base polymer is a polyolefin elastomer. It has semitransparent pellet appearance.

Applications

Fine-Blend[®] SOG-03 can improve impact property, Elongation of polyester such as PBT, PET. It can be used in toughened polyester, glass fiber reinforced polyester and flame retardant polyester. It also can develop a reliable bonding strength between PC/PBT, PC/PET or PET/PO alloys

For more detailed information and recommendations regarding your specific application, please contact related sales or technical representative of Fine-Blend Polymer Company.

Typical properties

Typical Properties	Value	Unit	Test Method
Density	0.89	g/cm ³	ASTM D792
MFR(190°C/2.16kg)	3-6	g/10min	ASTM D1238
Graft level	2-3	wt%	Acid-base titration ¹

Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹Low <0.25wt%, Medium 0.25-0.5wt%, High 0.5-1.0wt%, Very high >1.0wt%.

Processing information

Fine-Blend[®] SOG-03 can be processed over a wide range of conditions. The typical processing temperature range is from 200°C to 280°C, and it is related to your processing equipment and processing parameters etc.

Storage, handling and safety

Fine-Blend[®] SOG-03 should be stored in dry conditions protect from high temperature and UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

Comprehensive SDS is provided to recommend safe practices during usage. Please contact sales of Fine-Blend Polymer Company or visit www.fineblend.com.cn.