

# Fine-Blend® SOG-03

## 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 Compatilizer Company.

### Typical properties

Characteristics	Value	Unit	Test Method
Density	0.89	g/cm <sup>3</sup>	ASTM D792
Melt index (190°C/2.16kg)	3.0-6.0	g/10min	ASTM D1238
Graft level	2-3	Wt%	Acid-base titration

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

### 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 the type of extruder, screw design, screw speed, yield and the residence time 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 MSDS are provided to recommend safe practices during usage. Please contact sales of Fine-blend Compatilizer Company or visit [www.fineblend.com.cn](http://www.fineblend.com.cn).