

## Polymer Chain Extender

### Description

Fine-Blend<sup>®</sup> SAG-008 is a styrene - acrylonitrile - glycidyl methacrylate ternary random copolymer with colorless bead appearance.

### Applications

Fine-Blend<sup>®</sup> SAG-008 can provide superior chain extender solutions for recycled nylon, polyester, polycarbonate and other already biodegradable polycondensated resin, maximize the quality of the recycled polycondensated resin, improve the mechanical properties, thermal properties and processing properties.

**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	1.02-1.06	g/cm <sup>3</sup>	ASTM D792
Average Particle size	100-400	μm	ASTM D1921
MFR (200°C, 5kg)	8±6	g/10min	ASTM D1238
Epoxy Content	8±0.5	wt%	Internal method

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<sup>®</sup> SAG-008 used as conventional additive and can be widely adapted to different formulations processing requirements.

### Storage, handling and safety

Fine-Blend<sup>®</sup> SAG-008 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](http://www.fineblend.com.cn).**