Fine-Blend® SPG-02

佳易容 Fine-Blend
——Make you different

Glycidyl methacrylate-Modified Polypropylene

Description

Fine-Blend® SPG-02 is a glycidyl methacrylate modified polypropylene. It has high graft ratio and good process ability

Applications

Fine-Blend® SPG-02 imparts polarity and adhesion to polypropylene. It can greatly improve the interfacial bonding force between the polypropylene matrix and the polar materials (such as polyester, polyamide, etc.), thereby significantly improving the mechanical properties of the polypropylene composite material and improving the appearance quality of the product.

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	0.91	g/cm^3	ASTM D792
MFR（190℃*2.16kg）	10-18	g/10min	ASTM D1238
Graft level	Very high	/	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.

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

Processing information

Fine-Blend® SPG-02 can be processed over a wide range of conditions. The tolerant processing temperature range is from 180℃ to 300℃, 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® SPG-02 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**.**