

Polypropylene grafted with polystyrene

Description

Fine-Blend® BP-1310 is an innovative graft polymer, which is specially modified by polystyrene and polypropylene. Polypropylene is used as the main chain polymer, polystyrene as the branch chain, with a white particle appearance.

Applications

Fine-Blend® BP-1310 can be used as compatibilizer of PP/PS alloy to improve their compatibility. It can also improve the friction properties of PA, POM and other materials. Also, it can be used as a flow modifier in PPO modification.

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	0.95-1.0	g/cm ³	ASTM D792
MI (190°C/2.16kg)	8-15	g/10min	ASTM D1238
Volatile	≤0.3	%	GB/T 2914

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® BP-1310 can be processed in a wide temperature range, and the typical processing temperature range is 180°C-250°C. It should be combined with the type of extruder, screw design, screw speed, output and residence time.

Storage, handling and safety

Fine-Blend® BP-1310 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.