

## PPO/PPE alloy compatibilizer

### Description

Fine-Blend® FB820 is a maleic anhydride grafted polymer. The base polymer is polyphenyl ether, and it has yellow or brown particle appearance.

### Applications

Fine-Blend® FB820 can develop a reliable bonding strength between PPO/PA, PPO/HIPS, PPO/HIPS/PA alloys, improve the compatibility and dispersion between different components effectively. It is especially suitable for improving the compatibility of reinforced PPO/PA, PPO/HIPS, PPO/HIPS/PA alloys, including tensile strength, impact strength and HDT.

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

### Typical properties

Typical Properties	Value	Unit	Test Method
Density	1.06	g/cm <sup>3</sup>	ASTM D792
Graft level	high	/	Acid-base titration <sup>1</sup>

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

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

### Processing information

Fine-Blend® FB820 can be processed over a wide range of conditions. The tolerant processing temperature range is from 240°C to 300°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® FB820 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 Company or visit [www.fineblend.com.cn](http://www.fineblend.com.cn).**