

Fine-Blend® CMG9801

Maleic Anhydride Modified Polypropylene

Description

Fine-Blend® CMG9801 is a maleic anhydride modified polypropylene with excellent long-term thermal-aging property recommended for PP modification.

Applications

Fine-Blend® CMG9801 can provide excellent adhesion between PP and polar substrates such as glass, metal, minerals etc., and high reactivity with some chemical groups(-NH₂, -OH). It suitable for fiber glass reinforced PP compounds, mineral filled PP compounds, PP based WPS and PP based alloys, especially in aging-resistant composite material system.

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	~0.90	g/cm ³	ASTM D792
Melt index (190°C/2.16kg)	35-70	g/10min	ASTM D1238
Graft level	high	/	Acid-base titration ¹
Drying loss	≤0.3	%	105°C, 10min

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

¹Low <0.25wt%, Medium 0.25-0.5wt%, High 0.5-1.0wt%.

Processing information

Fine-Blend® CMG9801 can be processed over a wide range of conditions. The typical processing temperature range is from 180°C to 280°C, and it is related to the recipe, the type of extruder, screw design, screw speed, yield and the residence time etc.

Storage, handling and safety

Fine-Blend® CMG9801 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.