

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 is suitable for fiber glass reinforced PP compounds, mineral filled PP compounds, PP based WPS and PP based alloys.

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	0.9	g/cm ³	ASTM D792
MFR(190°C/2.16kg)	35-70	g/10min	ASTM D1238
Graft level	high	/	Acid-base titration ¹
Melting point	167	°C	ASTM D3418

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%, Very high >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 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 SDS is provided to recommend safe practices during usage. Please contact sales of Fine-Blend Polymer Company or visit www.fineblend.com.cn.