

# Fine-Blend® CMG5701

## Maleic Anhydride-Modified Polypropylene

### Description

Fine-Blend® CMG5701 is a low TVOC maleic anhydride modified polypropylene recommended for long fiber reinforced polypropylene (LFT-PP) modification. It has high graft ratio and great high temperature stability in processing.

### Applications

Fine-Blend® CMG5701 can provide excellent adhesion between PP and polar substrates such as glass, metal, minerals etc. Due to the low smell and TVOC characteristics and stable high temperature process performance, it is recommended used in LFT-PP production

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

### Typical properties

Characteristics	Value	Unit	Test Method
Density	0.90–0.92	g/cm <sup>3</sup>	ASTM D792
Melt index (190°C/2.16kg)	50-100	g/10min	ASTM D1238
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%.

### Processing information

Fine-Blend® CMG5701 can be processed over a wide range of conditions. The tolerant processing temperature range is from 280°C to 310°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® CMG5701 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 Company or visit [www.fineblend.com.cn](http://www.fineblend.com.cn)