

Fine-Blend® FB16E5

Adhesive resin for Aluminum Composite Panel

Description

Fine-Blend® FB16E5 is a maleic anhydride grafted polymer with polyolefin as matrix material. Its appearance has white or light yellow pellet.

Applications

Fine-Blend® FB16E5 was mainly used to improve the adhesion between aluminum and non-polar resin materials, and also can be used for other polar materials and non-polar resin bonding.

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

Typical properties

Typical Properties	Value	Unit	Test Method
Specific gravity	0.91	g/cm ³	ASTM D792
Melt index (190°C/5kg)	0.5~3	g/10min	ASTM D1238
Graft level	high	/	Acid-base titration ¹
Weight 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® FB16E5 can be processed over a wide range of conditions. The typical processing temperature range is from 180°C to 200°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® FB16E5 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 are provided to recommend safe practices during usage. Please contact sales of Fine-blend Compatilizer Company or visit www.fineblend.com.cn.