Fine-Blend® CMG5904

佳易容 Fine-Blend
——Make you different

LLDPE functionalized with maleic anhydride

Description

Fine-Blend® CMG5904 is a maleic anhydride grafted polymer. The base polymer is LLDPE, and it has white or light yellow particle appearance.

Applications

Fine-Blend® CMG5904 can be in low-smoke halogen-free flame-retardant wire and cable as a compitilizer which can improve the strength and elongation of base material.

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	0.92	g/cm3	ASTM D792
MFR(190℃/5kg)	0.5-3.0	g/10min	ASTM D1238
Graft level	high	/	Acid-base titration[1]
Tensile Strength	>18	MPa	ASTM D638
Elongation at Break	>400	%	ASTM D638

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

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

Processing information

Fine-Blend® CMG5904 can be processed over a wide range of conditions. The typical processing temperature range is from 130℃ to 210℃, 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® CMG5904 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**.**