

Hunthumber™ CT4018

Adhesive Resin

Description

Hunthumber™ CT4018 is an anhydride modified ethylene elastomer.

Typical Characteristics

Composition

High% By Weight Maleic Anhydride
Graft levels are defined as:
Low < 0.2%; Medium 0.2-0.5%; High 0.5-1.0%; Ultra high > 1.0%

Applications

- Impact modifier for polyamide blends with high MAH grafting level.
- Compatibilizer for flame retardant fillers in non-halogen flame retardant polyolefin-based wire and cable compounds.
- Compatibilizer or adhesion promoter between polyolefins and metals, polyamide cellulose, and glass fibers.

Typical Properties

Properties	Test Method(s)	Typical Value	Unit
Density	ASTM D792 ISO 1183	0.95	g / cm ³
Melt Flow Index(190°C/2.16kg)	ASTM D1238 ISO 1133	2.0	g / 10min
Melting Point	ASTM D3418 ISO 3146	135	°C
Vicat Softening Point	ASTM D1525 ISO 306	124	°C

Processing Information

Maximum Processing Temperature 300°C(572°F)

Storage Condition

Storage Condition Hunthumber™ CT4018 resins should be stored under dry and cool conditions. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

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See MSDS for Health & Safety Considerations.