

Arkema Group Rilsan® MB 3000 Nylon 11, Sheathing Grade (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 11 , Nylon 11, Cable Sheathing Grade

Material Notes:

Designation ISO 1874-PA11,MF,12-010Polyvalent rigid grade for injection molding and sheathing of cables. Available color: natural. Flame retardant agent, halogen free. Fire-resistant. Easy to be processed for injection molding and sheathing of cables. Low shrinkage for molding: include 1% on average for the mold design.UL classification: UL94 V0 (3mm) RTI(C) 65/65/65Example applications: Electrical cables, all pieces with fireproofing required.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-MB-3000-Nylon-11-Sheathing-Grade-Conditioned.php

Physical Properties	Metric	English	Comments
Melt Flow	95.1 g/10 min	95.1 g/10 min	
	@Load 2.16 kg, Temperature 235 °C	@Load 4.76 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	5.0 %	5.0 %	50 mm/min
Tensile Modulus	1.92 GPa	278 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.490 J/cm ²	2.33 ft-lb/in ²	
	0.480 J/cm ² @Temperature -30.0 °C	2.28 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
	@Thickness 0.800 mm	@Thickness 0.0315 in	
Oxygen Index	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Oxygen Index	33 %	33 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China