

Arkema Group Rilsan® BZM 30 TL Nylon 11, 30% Glass Fiber Filled (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 11 , Nylon 11 with 30% Glass Fiber Filler

Material Notes:

Designation ISO 1874-PA11,MHL,18-050,GF30Rigid grade with glass fiber (30%) filler for injection molding. Available colors: black and natural. Light and heat stabilized.Rigidity. High compressive strength. Low linear expansion coefficient. Low shrinkage: include 0,5% on average for the design of the mold. High dimensional stability.UL classification: UL94 HB RTI(C) 65/65/65Example applications: Wind turbine, casing.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BZM-30-TL-Nylon-11-30-Glass-Fiber-Filled-Dry.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	
Water Absorption	1.3 %	1.3 %	
Melt Flow	1.8 g/10 min @Load 2.16 kg, Temperature 235 °C	1.8 g/10 min @Load 4.76 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	115 MPa	16700 psi	5 mm/min
Elongation at Break	7.0 %	7.0 %	5 mm/min
Tensile Modulus	8.00 GPa	1160 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	183 °C	361 °F	10°C/min
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.10 mm	HB @Thickness 0.122 in	
Oxygen Index	22 %	22 %	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.000376 @Frequency 1e+6 Hz	0.000376 @Frequency 1e+6 Hz	
	0.000438	0.000438	

Electrical Properties

Metric
@Frequency 100 Hz

English
@Frequency 100 Hz

Comments

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