

Elektro-Isola Etronax MF Phenolic, Cotton Fabric Reinforcement, Brown, Tubes

Category : Polymer , Thermoset , Phenolic

Material Notes:

Description: Mechanical applications. Impact-resistant, noise-reducing and wear-resistant material. Well suited as a low-friction material. High wear resistance in aggressive and dust-filled environments. Can be lubricated with water. Oil or grease. Resistant to weather and salt water. Applications: Bearing bushes, rudder bearings and guide rings for hydraulic cylinders. Information provided by Elektro-Isola

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elektro-Isola-Etronax-MF-Phenolic-Cotton-Fabric-Reinforcement-Brown-Tubes.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	24hr/23°C/50% RH; ISO 1183-A; IEC/EN 61212-2 7.3
	@Thickness >=0.000 mm	@Thickness >=0.000 in	
Water Absorption	0.25 %	0.25 %	24hr/50°C+24hr in water at 23°C; ISO 62-1; IEC/EN 61212-2 7.2

Mechanical Properties	Metric	English	Comments
Flexural Strength	90.0 MPa	13100 psi	24hr/23°C/50% RH; ISO 178; IEC/EN 61212-2 5.1
	@Diameter >=100 mm	@Diameter >=3.94 in	
Compressive Strength	170 MPa	24700 psi	50% RH, Axial; ISO 604; IEC/EN 61212-2 5.2
	@Temperature 23.0 °C, Time 86400 sec	@Temperature 73.4 °F, Time 24.0 hour	
Adhesive Bond Strength	130 MPa	18900 psi	24hr/23°C/50% RH; IEC 60212-2; IEC/EN 61212-2 5.3
	@Diameter <=100 mm	@Diameter <=3.94 in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	100 °C	212 °F	IEC 60695-11-10; IEC/EN 61212-2 7.1
	@Thickness 3.00 mm, Time 7.20e+7 sec	@Thickness 0.118 in, Time 20000 hour	

Electrical Properties	Metric	English	Comments
Insulation Resistance	1.00e+8 ohm	1.00e+8 ohm	24hr/50°C+24h in water at 23°C; IEC; IEC/EN 61212-2 6.2
	@Diameter 8.00 - 10.0 mm	@Diameter 0.315 - 0.394 in	
Dielectric Strength	2.00 kV/mm	50.8 kV/in	24hr/23°C/50% RH+1hr/oil 90°C; Perpendicular; IEC 60243-1; IEC/EN 61212-2 6.1.2.1
	@Thickness 3.00 mm	@Thickness 0.118 in	
	0.600 kV/mm	15.2 kV/in	24hr/23°C/50% RH+1hr/oil 90°C;

Electrical Properties

Metric

@Diameter >=3.00 mm

English

@Diameter >=0.118 in

Parallel: IEC 60243-1; IEC/EN 61212-2
20, 118

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