

Schwartz Technical Plastics MITELAA® 2/5 A Cotton Fabric, Special Quality

Category : Polymer , Thermoset , Phenolic , Phenolic, Novolac, Fabric Filled

Material Notes:Application: bearing shells and bearing collars
Information provided by Schwartz Technical Plastics GmbH

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schwartz-Technical-Plastics-MITELA-25-A-Cotton-Fabric-Special-Quality.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO R 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	ISO-DIS 527
Tensile Modulus	7.00 GPa	1020 ksi	DIN 53457
Flexural Strength	150 MPa	21800 psi	DIN 54352
Flexural Modulus	8.00 GPa	1160 ksi	DIN 53457
Compressive Strength	320 MPa	46400 psi	ISO 604
Izod Impact Resistance	3.50 J/cm ²	16.7 ft-lb/in ²	swinging hammer 0,1 DIN 51222; DIN 53453
Coefficient of Friction, Dynamic	0.20	0.20	no lube; Steel 2162, Rvst=2E-6m, p=0.05 Mpa, v=0.6 m/s, t=40 ^o C

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 ^o C	248 ^o F	Continuous

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