

Saint-Gobain Norton® Chemfilm® DF110 Fluoropolymer Cast Film

Category : Polymer , Film , Thermoplastic , Fluoropolymer

Material Notes:

Description: Used for Chemical Process, Electrical/Electronics, Medical, Protective/Decorative. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-Chemfilm-DF110-Fluoropolymer-Cast-Film.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	ASTM D-792
Water Absorption	<= 0.010 %	<= 0.010 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.6 MPa	4300 psi	ASTM D-882
Elongation at Break	400 %	400 %	ASTM D-882
Tensile Modulus	0.414 GPa	60.0 ksi	ASTM D-882

Thermal Properties	Metric	English	Comments
Melting Point	327 Â°C	620 Â°F	ASTM D-3418
Maximum Service Temperature, Air	260 Â°C	500 Â°F	UL -746 B
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	2.00e+17 ohm	2.00e+17 ohm	ASTM D-257
Dielectric Constant	2.0 @Frequency 1000 Hz	2.0 @Frequency 1000 Hz	ASTM D-150
Dielectric Strength	165 kV/mm	4200 kV/in	ASTM D-149

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