

Industrial Laminates/Norplex MC330 Cotton Fabric

Category : Polymer , Thermoset , Phenolic

Material Notes:

Description: Grade MC330 is a cotton cloth/phenolic resin composite which is specially processed to be used in cryogenic applications.

Such applications include spacers for installation of liquid oxygen apparatus where temperatures are as low as minus 320°F. Grade

MC330 complies with MIL-I-24768/16.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Industrial-LaminatesNorplex-MC330-Cotton-Fabric.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0530 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	90 - 110	90 - 110	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Tensile Strength, Yield	89.6 MPa	13000 psi	LW
	@Thickness 3.17 mm	@Thickness 0.125 in	
Flexural Strength	276 MPa	40000 psi	LW
	@Thickness 3.17 mm	@Thickness 0.125 in	
Compressive Strength	145 MPa	21000 psi	Flatwise
	@Thickness 3.17 mm	@Thickness 0.125 in	
Shear Strength	89.6 MPa	13000 psi	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Izod Impact, Unnotched	0.998 J/cm	1.87 ft-lb/in	LW, E-48/50
	@Thickness 3.17 mm	@Thickness 0.125 in	

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