



INDUSTRIES 3R

Danville Office

55, route 116 Ouest
Danville (Québec) Canada
J0A 1A0

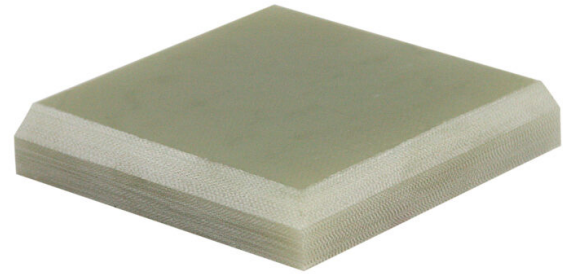
Phone: 819-839-2793
Fax: 819-839-2797
Toll-free: 800-567-2728
E-mail: info@industries3r.com

FIBERGLASS / EPOXY / SILICONE / MELAMINE

NEMA G10

Description

This G10 is constructed of a woven glass fabric combined with easy-machining, non-brominated epoxy resin. It is engineered to provide Nema Grade G10 properties, but is easier to machine and more cost effective in many applications.



Applications

Its applications include : low temperature thermal insulation, structural applications and various other mechanical and electrical applications at low to moderately high temperatures.

Specifications

Technical Data

Specific gravity	1.8
Tensile strength (psi)	65,000 psi (448 MPa)
Flexural strength -LW -A 0.125"	75 000 psi (517 MPa)
Compressive strength	40 000 psi (275 MPa)
Hardness	110 M Scale
Bond strength	2 200 psi (15 MPa)
Shear strength	19 000 psi (131 MPa)
Electric strength	800 V/MIL Cond A
Flammability rating	94HB
Max. Oper. Temp.	140°C (284°F)
Coeff. Thermal Exp.	1.00 In/In/°C x 10 ⁻⁵

Water absorption - 24H	0.11 %
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N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.