



industries3r.com

Danville office

Industries 3R inc.
55, Road 116 West
Danville (Quebec)
Canada J0A 1A0

Telephone: (819) 839-2793
Fax: (819) 839-2797
Toll-free: (800) 567-2728
Email: info@industries3r.com

Montreal office

Industries 3R inc.
1479, Begin street
Ville St-Laurent (Quebec)
Canada H4R 1V8

Telephone: (514) 333-3971
Fax: (514) 333-7224
Email: info@industries3r.com

NEMA G11

The G11 is a high strength, medium weave glass epoxy laminate that retains a minimum of 50% of its flexural strength at 302°F while preserving its properties. It provides excellent physical, mechanical and electrical properties at both room and elevated temperatures.



APPLICATIONS

Typical applications include insulation in power generation equipment and other structural applications when used in elevated temperatures.

SPECIFICATIONS

Technical Data

Specific gravity	1.82
Tensile strength (psi)	37 000
Flexural strength (psi)	75 000
Compressive strength (psi)	63 000
Hardness, M Scale	112
Bonding strength (lbs)	2200
Shear strength (psi)	22 000
Dissipation factor at 1 MHz	0.020
Dielectric constant, 10 ⁶ cycles, Cond A	5.00
Flammability rating	94HB
Temperature	180°C (350°F)
Water absorption % - 24 Hrs	0.20

N.B. The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.