

#### industries3r.com

#### Danville office

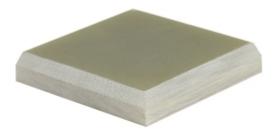
Industries 3R inc. 55, Road 116 West Danville (Quebec) Canada J0A 1A0

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.