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FIBERGLASS / EPOXY / SILICONE / MELAMINE

## NEMA G11



### Description

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, 10^6 cycles, Cond A	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 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.