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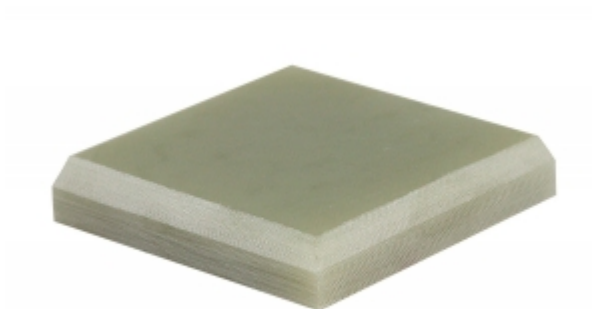
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NEMA G10

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	1.77
Tensile strength (psi)	43 000 / 39 000
Flexural strength (psi)	66 000 / 60 000
Compressive strength (psi)	44 000
Hardness, M Scale	99
Bond strength (lbs)	2500
Shear strength (psi)	19 000
Electric strength - volt / 1000	690
Flammability rating	HB
Max. Oper. Temp °C	140°C (284°F)
Coeff. Thermal Exp. In/In/°C x 10 ⁻⁶	12.1
Moisture absorption %	0.22

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.