



DATA SHEET

SHEGF-G11

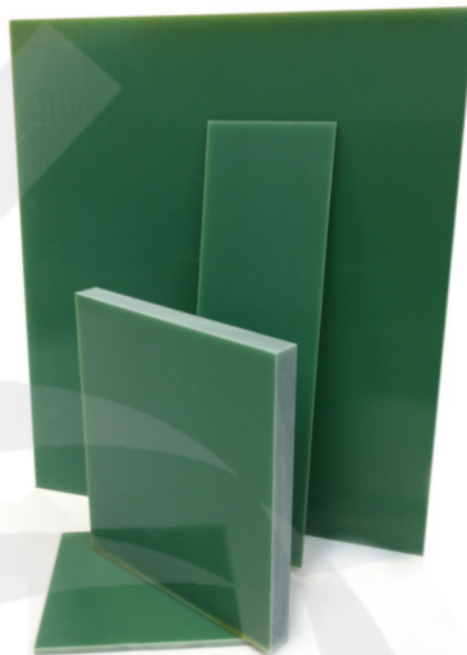
SHEET EPOXY GLASS

Type G11

Glass Cloth substrate with a high temperature epoxy resin binder.
 Excellent mechanical and electrical properties offering a Class F insulation continuous operating temperature.
 Suitable for applications in high temperature, cryogenic, and radiation environments.

Applications

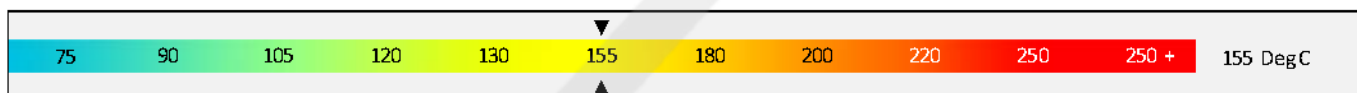
Electrical equipment, Solder Frames, Aerospace , Radar bases, Terminal boards , Antenna insulators
 Underwater Conditions, Test boards, Cryogenic insulation, Computer applications, Medical, Printed circuits.



SHEETS

Properties	Units	Results
Flexural strength perpendicular to lamination \geq	MPa	340 170 E-1/150
Notch impact strength parallel to lamination Charpy \geq	KJ/m ²	33
Dielectric strength perpendicular to lamination (in oil 90 \pm 0.2°C) \geq	MV/m	14.2
Breakdown voltage parallel to lamination (in oil 90 \pm 0.2°C) \geq	KV	35
Relative dielectric coefficient \leq	-	5.5
Loss Factor \leq	-	0.04
Insulation Resistance after impregnated in water \geq	Ω	1x10 ⁸
Water absorption 1 mm \leq	mg	18
Flammability	-	-
Color	-	Natural (Green)
Thermal Class	-	F
Continues operating temperature	°C	155
Short term temperature	°C	160-180

Sheet Size; 2040 x 1020 mm



Temperature Rating