



EPOXY GLASS LAMINATE

EPGC208

Laminated Sheet made from layers of fine and plain weave glass fabric , treated with Epoxy Resin having high temperature index unto 180°C (Insulation Class H).

The material has high mechanical and electrical properties. It has a good mating and punching properties.

Material is Non-brominated.

It conforms to IEC EPGC308 and DIN7735 HGW2372.4 required properties.

Sr. No.	Description	Units	Observed Values
1	Specific Gravity	-	1.7 - 1.9
2	Water Absorption	mg	≤ 10
2	Tensile Strength @ 23°C	Mpa	≥ 300
3	Cross Breaking Strength @ 23°C	Mpa	≥ 500
4	Aging Test @ 180°C for 24 hrs at RT	MPa	≥ 400
5	Cross Breaking Strength @ 180°C	Mpa	≥ 200
6	Compression Strength	Mpa	≥ 350
7	Charpy Impact Strength	KJ/m ²	≥ 34
8	Di-electric Strength - Flatwise	Kv/mm	≥ 13
9	Di-electric Strength - Edge Wise	Kv/mm	≥ 35
10	Insulation Resistance	M.Ohms	$\geq 5 \times 10^4$
11	Comparative Tracking Index	Volts	≥ 180

