



EPOXY GLASS LAMINATE

EPGC308 / HGW2372.4

Laminated Sheet made from layers of fine and plain weave glass fabric , treated with Epoxy Resin having high temperature index unto 180°C.
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	≥ 340
4	Cross Breaking Strength @ 180°C	Mpa	≥170
5	Compression Strength	Mpa	≥ 350
6	Charpy Impact Strength	KJ/m2	≥ 34
7	Di-electric Strength - Flatwise	Kv/mm	≥ 13
8	Di-electric Strength - Edge Wise	Kv/mm	≥ 35
9	Insulation Resistance	M.Ohms	≥ 5 x 10 ⁴
10	Comparative Tracking Index	Volts	≥ 180