



SEMI-CONDUCTING LAMINATE

Laminate Sheet made from the layers of fine and plain weave glass fabric, treated with Epoxy Resin mixed with Graphite.

The material have high technical and semi-conducting properties and having high temperature index upto 155°C .

Sr. No.	Description	Units	Observed Values	Test Reference
1	Surface Resistance	K-Ohms	50 Max.	IEC 93
2	Thermal Ageing at 96 hours @ 155°C	-	It should be without blister and burns	-
3	Water Absorption	%	0.15 Max.	ISO 62
4	Density	g/cm ³	1.9	ISO 1183
5	Flexural Strength @ RT	N/mm ²	> 400	ISO 178
6	Flexural Strength @ 155°C	N/mm ²	≥ 50% of RT	ISO 178
7	Tensile Strength	N/mm ²	> 350	ISO 527
8	Compressive Resistance	N/mm ²	300 Min.	ISO 604
9	Thermal Class	°C	155	IEC 60216