

EPOXY MATT LAMINATE - EPGM203

Laminated Sheet made from layers of chopped strand glass matt, treated with Epoxy Resin having high temperature index unto 155°C. The material has high mechanical and electrical properties. It has a good mating and punching properties.

Sr. No.	Description	Units	Observed Values	Test Reference
PHYSI	CAL			
1	Specific Gravity	g/cm	1.8 ± 0.1	DIN EN 53479
2	Water Absorption at 20°C for 24 hours	mg	22	ASTM-D570
3	Temprature Index	TI	155°C	-
MECH	ANICAL			
4	Flexural strength @ 23°C	Мра	<u>≥</u> 320	ISO 178
5	Flexural strength @ 155°C	Мра	<u>≥</u> 50%	ISO 178
6	Tensile strength	Мра	<u>≥</u> 250	ISO 527
7	Compressive Strength	Мра	<u>≥</u> 350	ISO 604
ELECT	RICAL			:
8	Electric strength in oil 90 °C - perpendicular	Kv/3mm	<u>≥</u> 10.2	IEC 243-1
9	Insulation resistance after immersion in water	M-Ohms	≥ 5x10	IEC 167

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