

## 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	$1.8 \pm 0.1$	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

www.micaply.com

This document provides only a general description of the product(s) otherwise shall not form part of any contract. Changes may be made in the product or the conditions of supply. MICAPLY reserves the right to change product specifications without prior notice