



PAPER PHENOLIC LAMINATE



XX Paper Phenolic is a high strength composite made by impregnating phenolic resin into layers of paper. XX paper phenolic is strong and stiff, with excellent creep resistance and outstanding dimensional stability.

It complies to MIL-I-24768/21 Type PBG-P and the NEMA grade is XX P.

S.No.	Requirement	Units	Results
1	Water Absorption	Mg	82
2	Shearing Strength	Mpa	72
3	Cross Breaking Strength	Mpa	107
4	Insulation Resistance (after immersion in water)	M.Ohms	1700
5	Flexural Strength	Mpa	164
6	Tensile Strength	Mpa	97
7	Dielectric Strength	KV/mm	25
8	Breakdown Voltage	KV	40

