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NEMA XXX

This paper-phenolic high-pressure laminate is intended primarily for mechanical applications. The Nema XXX has excellent electrical properties and excellent resistance to moisture and splitting. It has low cold flow with good dimensional stability.



APPLICATIONS

Used in high voltage switch boards, breakers and transformers.

SPECIFICATIONS

Technical Data

Specific gravity	1.38
Tensile Strength (psi)	13.000
Compressive Strength (psi)	30 000
Flexural Strength (psi)	20 000 / 15 000
Hardness, M Scale	101
Bonding Strength (lbs)	1 000
Shear Strength (psi)	12.800
Dissipation factor at 1 MHz	0.05
Electric strength - volt / 1000	700
Flammability rating	HB
Max Oper. Temp °C	130°C 260 °F
Coeff. Thermal exp. In/In/°C x 10 ⁻⁶	15
Moisture absorption %	1.30

N.B. The information, details and values indicated are to the best of our know ledge. We recommend to conduct tests according to local conditions. The data is subject to some variations w ithout notice.