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PHENOLICS

## NEMA XXX



### Description

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 presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.