Certified ISO 9001:2015 and AS9100 D®

Material Specifications

ST Grade XPC Phenolic

Density, gm/cc	1.38
Hardness, Rockwell (M)	84
Tensile Strength, PSI, lengthwise	12,500
Tensile Strength, PSI, crosswise	8,400
Compressive Strength, PSI, flatwise	27,000
Flexural Strength, PSI, lengthwise	19,300
Flexural Strength, PSI, crosswise	17,600
Dielectric VPM, perpendicular	700
Water Absorption, % 24hrs	3.20%
Heat Resistance, degrees C, continuous	130
UL Flammability	UL94 HB

NEMA XPC is a paper-phenolic laminate engineered for punching at room temperatures, yielding better results than NEMA XP when stamping more finely detailed parts such as Switch Plates and Terminal Boards.

N.B.: Values are based on typical Test Methods and Conditions and to be used for Engineering and Design Purposes only.

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