Certified ISO 9001:2015 and AS9100 D®

Material Specifications

ST H900 (GPO-3)

Density, lbs/cu in	0.065
Tensile Strength, PSI	9,000
Compressive Strength, PSI, flatwise	30,000
Flexural Strength, PSI	18,000
Shear Strength, PSI, Test D732	14,000
Arc Resistance, seconds	190
Dielectric Strength, VPM, perpendicular in oil (1/16th)	450
Dielectric Strength, KV, parallel step-by-step	55
Water Absorption, %, D570 test	0.20
Temperature Class	160 C
UL Flammability, File E81893	94V-0

ST H900 is recognized industry-wide as a reliable, stable, high quality GPO3 material with excellent flame resistance and low smoke characteristics. UL Temperature Class 160C is amongst the highest ratings assigned to a flame-retardant laminate. Track Resistance values are up to three times higher than competitive products.

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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