Certified ISO 9001:2015 and AS9100 D®

Material Specifications

ST ETS (GPO-1)

Density, lbs./cu in	0.067
Tensile Strength, PSI	10,000
Compressive Strength, PSI, flatwise	30,000
Flexural Strength, PSI	23,000
Shear Strength, PSI, Test D732	14,000
Arc Resistance, seconds	150
Dielectric Strength, VPM, perpendicular in oil (1/16th)	500
Dielectric Strength, KV, parallel step-by-step	54
Water Absorption, %, D570 test	0.6
Temperature Class - Electrical	130 C
Temperature Class - Mechanical	160 C
UL Flammability, File E81893	HB

ST ETS (GPO-1) is a high-quality IEEE Class B 130C Electrical-160C Mechanical GPO1 material with good machining, shearing, and punching characteristics.

Typical applications include transformer and switchgear spacers, supports, shims and barriers.

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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