Certified ISO 9001:2015 and AS9100 D®

Material Specifications

ST H755 (GPO-1)

Density, lbs/cu in	0.065
Tensile Strength, PSI	11,000
Compressive Strength, PSI, flatwise	40,000
Flexural Strength, PSI	25,000
Shear Strength, PSI, Test D732	15,000
Arc Resistance, seconds	150
Dielectric Strength, VPM, perpendicular in oil (1/16th)	500
Dielectric Strength, KV, parallel step-by-step	60
Water Absorption, %, D570 test	0.35
Temperature Class	155 C
UL Flammability, File E81893	HB

ST H755 is a high-quality, hi-mechanical strength 155C Class F GPO1 material engineered to bridge the gap between 130C Class B and 180C Class H materials while delivering the highest performance criteria critical in demanding transformer and motor applications at competitive cost.

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

Tel: (450) 430-3030 • Fax: (450) 430-3031 • Toll Free: 1-888–475–8843
info@synthanetaylor.com • www.synthanetaylor.com