Certified ISO 9001:2015 and AS9100 D®

Material Specifications

ST Grade G-3

Density, lbs/cu in	0.070
Tensile Strength, PSI, lengthwise	53,000
Compressive Strength, PSI, flatwise	55,800
Flexural Strength, PSI, 1/8th	59,000
Hardness, Rockwell (M)	120
Impact Strength, ft-lb/in	15.0
Dielectric Strength, KV, parallel Cond A	78
Dissipation Factor @ 1Mhz	0.023
Dielectric Constant @ 1Mhz	7.16
Arc Resistance, seconds	180
Water Absorption, % 24 hrs (1/8th)	0.61
Heat Resistance, degrees C, continuous, mechanical	200C
electrical	140C

Grade G-3 is a glass-phenolic laminate offering excellent Thermal Endurance and with high mechanical strengths and electrical value.
It is UL-recognized to be flame retardant – self-extinguishing – UL94V-0.

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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