Current Industrial Composites
Sheeting • Tubes • Rods • Fabricated Parts • Epoxy • Phenolic

TECHNICAL DATA SHEET

G9

Mil-I-24768/1, GME

G9 glass melamine laminated tube is mostly preferred for applications that require high mechanical strengths, self-extinguishing properties and exceptional arc resistance in humid environment.

REQUIREMENT	
Minimum Dielectric Strength	250v/mil
Compressive Strength (Axial)	18000 psi
Minimum Density	1.7g/cm^3
Maximum Water Absorption	4.2%
Tensile Strength	N/A
Flexural Strength	N/A
Dissipation Factor	N/A
Permittivity @ 1 MHz	N/A
Maximum Operating Temperature	140°C
Thermal Conductivity	2.0 BTU-in/ft²-hr-°F or 0.288 W/m-K 7.0 x 10^{-4} calorie/cm-sec-°C or 0.02929 (W/m-K)
Specific Heat Capacity	0.35 to 0.40 (calorie/gram/°C) or 1464.4 - 1673.6 (joule/kilogram/K)