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

TECHNICAL DATA SHEET

G3

Mil-I-24768/18, FBE

G3 glass/phenolic laminated sheet is most frequently preferred for application that require high flexural and impact strengths and good electrical properties under low relative humidity conditions. G-3 meets or exceeds NEMA G-3, Mil-I-24768/18 specifications and meets UL 94-HB requirements.

REQUIREMENT	
Minimum Dielectric Strength	175v/mil
Compressive Strength (Axial)	13000 psi
Minimum Density	1.5g/cm^3
Maximum Water Absorption	7%
Tensile Strength	25000 psi
Flexural Strength	N/A
Dissipation Factor	N/A
Permittivity @ 1 MHz	N/A
Maximum Operating Temperature	170°C