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

TECHNICAL DATA SHEET

XXX

Mil-I-24768/10, PBE

XXX paper/ phenolic convolute wrapped tubes is a premium grade composite formulated for electrical and mechanical applications in high humidity conditions. It retains good electrical properties in high frequency applications and whose low moisture absorption rate accounts for its excellent electrical insulation strengths and dimensional stability.

REQUIREMENT

Minimum Dielectric Strength	290v/mil
Compressive Strength (Axial)	13000 psi
Minimum Density	1.12g/cm^3
Maximum Water Absorption	3.5%
Tensile Strength	7000psi
Flexural Strength	N/A
Dissipation Factor	0.040
Permittivity @ 1 MHz	5.3
Maximum Operating Temperature	140°C