

# Electrical Properties

Panlite is an insulating material with excellent electric characteristics compared with other plastic materials. Panlite features not only high dielectric breakdown strength and high volume resistivity but also stable dielectric constant and stable dielectric loss tangent in a wide range of temperatures and frequencies (Fig. 14-19).

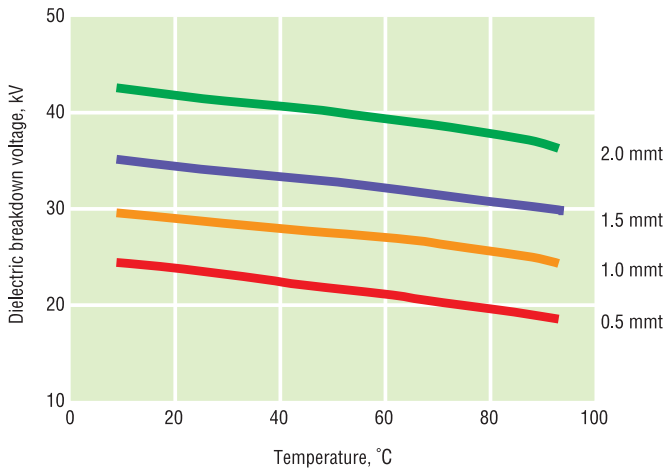


Fig. 14 Dielectric Breakdown Strength of Panlite vs. Temperature

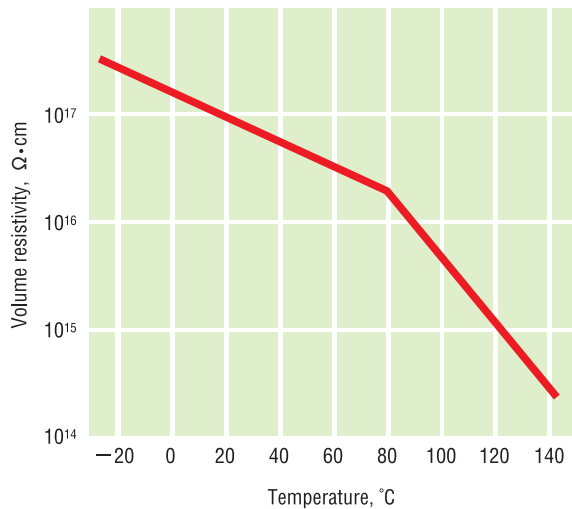


Fig. 15 Volume Resistivity of Panlite vs. Temperature

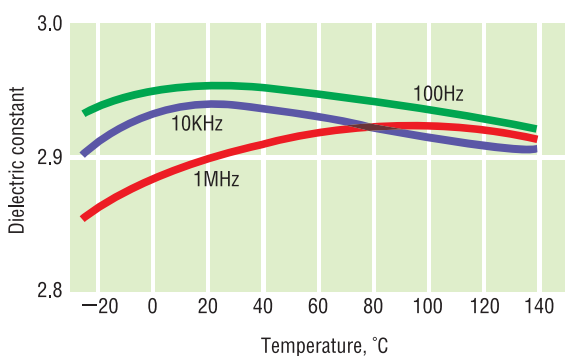


Fig. 16 Dielectric Constant of Panlite vs. Temperature

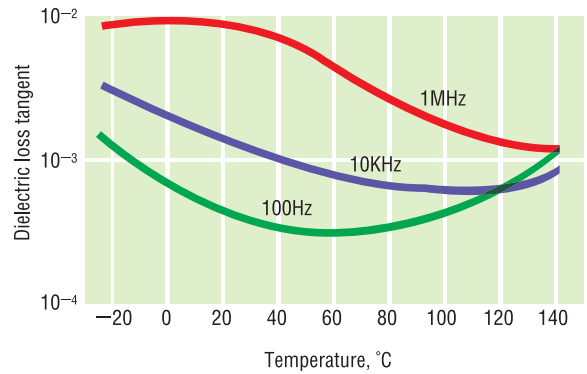


Fig. 17 Dielectric Loss Tangent of Panlite vs. Temperature

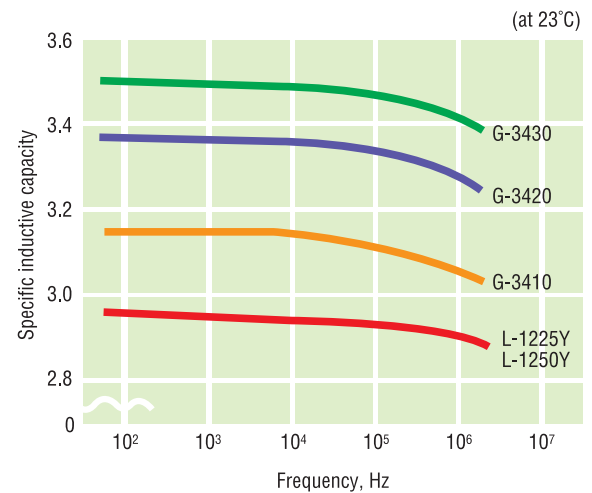


Fig. 18 Dielectric Constant of Panlite vs. Frequency

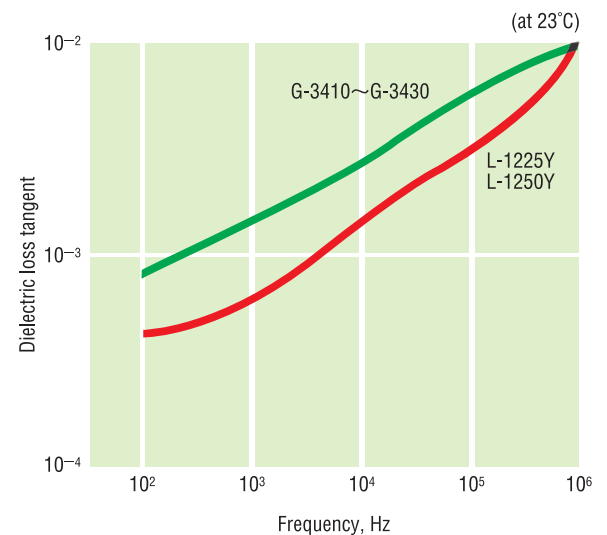


Fig. 19 Dielectric Loss Tangent of Panlite vs. Frequency