

Additional Technical Information

Mechanical Properties

- Density (@25°C/77°F) 2.23 g/cm³
- Modulus of Elasticity 63 kN/mm²
- Knoop Hardness HK 0.1/20 480
- Poisson's Ratio 0.2

Electrical Properties

- Dielectric Constant (@ 1 MHz & 25°C) 4.6
- Dielectric Loss Factor (@ 1 MHz & 25°C) 37 x 10⁻⁴
- Electric Volume Resistivity (log ρ)
 - @ 250°C 8.0 10⁸ Ω cm
 - @ 350°C 6.5 10⁶ Ω cm

Thermal Properties

- Linear Thermal Coefficient of Expansion α(20-300° / 68-572°F) 3.25 x 10⁻⁶/°K
- Transformation Temperature Tg 530°C / 986°F
- Strain Point (10^{14.5}dPa·s) 518°C / 964°F
- Annealing Point (10¹³dPa·s) 560°C / 1040°F
- Softening Point (10^{7.6}dPa·s) 815°C / 1508°F
- Mean Specific Thermal Capacity c_p 20-100°C 0.83 kJ/(kg·°K)

All data is intended to be used as a guideline, unless otherwise stated. Talk to us if you require further information

For Technical Assistance, please contact

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