



AREMCOLOX 502-0676

Magnesium Oxide

Crystal Structure	Cubic
Melting Point	2200°C
Theoretical Density	3.58 g/cc
Hardness, Moh's Scale	5.5
Bend Strength	35,000 psi
Compressive Strength	120,000 psi
Coefficient of Thermal Expansion	13.9 in/in/C x 10 ⁻⁶
Thermal Conductivity	0.480 W/cm-C @ 20°C
Electrical Conductivity	10 ⁻¹² ohm-cm @ 25°C
Dielectric Strength	150 Kv/cm
Dielectric Constant	9.6