

Tokai Moulded Graphite Data Sheet

G140

1. Typical Properties

Specific Gravity	g/cm ³	1.70
Specific Resistance	μΩm	8.5
Young's Modulus	GPa	n/a
Flexural Strength	MPa	15.7
Compressive Strength	MPa	31.4
Tensile Strength	MPa	7.8
Shore Hardness	sHD	25
C.T.E	× 10 ⁻⁶ /°C	3.8
Thermal Conductivity	W/mK	145
Pore Diameter	μm	n/a
Porosity	%	20
Grain Size (max)	mm	1
Gas Permeability	cm ² /sec	n/a

All properties measured room temperatures except for C.T.E.
 C.T.E. = Coefficient Thermal Expansion (R.T. to 1000°C)
 Flexural Strength determined using third point loading

Note: All properties are typical values and are not to be used for specification limits

