

Tokai's Moulded Graphite Data Sheet

G145

1. Typical Properties

Specific Gravity	g/cm ³	1.7
Specific Resistance	μΩm	8.5
Young's Modulus	GPa	n/a
Flexural Strength	MPa	14.7
Tensile Strength	MPa	n/a
Shore Hardness	sHD	23
C.T.E	× 10 ⁻⁶ /°C	3.8
Thermal Conductivity	W/mK	145
Pore Size	μm	n/a
Porosity	%	n/a
Max Grain Size	μm	n/a
Ave Grain Size	μm	n/a
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

