

Tokai Carbon – Isotropic Graphite Grade

G330

1. Typical Properties

Specific Gravity	g/cm ³	1.79
Specific Resistance	μΩm	13.0
Young's Modulus	GPa	9.8
Flexural Strength	MPa	39.2
Tensile Strength	MPa	25.5
Hardness	shore	56
C.T.E	× 10 ⁻⁶ /°C	4.8
Thermal Conductivity	W/mK	104
Pore Size	μm	2.2
Porosity	%	15
Grain Size	μm	13
Gas Permeability	cm ² /sec	0.21

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