



Typical Properties of Glassy Carbon

Grade	Density	Electrical Resistivity	Coefficient of Thermal Expansion (CTE)	Thermal Conductivity	Shore Hardness	Flexural Strength	Youngs Modulus
	g/cm ³	μohm-m	x 10 ⁻⁶ /°C	Kcal/m-hr-°C	Shore	Mpa (=N/mm ²)	Gpa (=kN/mm ²)
GC-10	1.49	58.0	2.1	3	115	93.2	30.9
GC-20	1.48	42.5	2.1	7.5	105	107.9	30.9
GC-30	1.45	37.5	2.1	14	75	53.9	23.0

TYPICAL IMPURITIES ANALYSIS			
Al	< 0.08 ppm	K	< 0.10 ppm
Ca	< 0.04 ppm	Na	< 0.05 ppm
Cr	< 0.07 ppm	Ni	< 0.10 ppm
Cu	< 0.08 ppm	Ti	< 0.09 ppm
Fe	< 0.04 ppm	V	< 0.07 ppm

