



GS-70

Technical Data Sheet

Typical Physical Properties

	English Units	Metric Units
Maximum Particle Size	0.031 ins	0.8 mm
Apparent Density	108.0 lb/ft ³	1.73 g/cc
Specific Electrical Resistance	26 x 10 ⁻⁵ ohm-ins	6.6 x 10 ⁻⁶ ohm-m
Ash	0.10%	0.10%
Flexural Strength (WG) (Four point loading)	2205 lbs/in ²	15.2 N/mm ²
Compressive Strength (WG)	4750 lbs/in ²	32.7 N/mm ²
Coefficient of Thermal Expansion (WG)	0.33 x 10 ⁻⁶ per °F (77 to 212 °F)	0.60 x 10 ⁻⁶ per °C (25 to 100 °C)
Thermal Conductivity (WG)	98.3 BTU/ft-hr-°F	170.0 W/m-°C

The above values are typical and are not to be used as specification limits, unless otherwise noted.
The typical property data is updated routinely. For the most recent data visit our website @ www.ozarkgraphite.com.

Standard Sizes

**16.25 inch (413 mm) x 16.25 inch (413 mm) x 72 inch (1800 mm)
length rectangles**