

GRAPHTEK™ LLC

Sales & Engineering:

600 Academy Dr.; Northbrook IL 60062
Phone: 847-279-1925 / Fax: 847-279-1926
Internet: www.graphtekllc.com

Manufacturing:

219 Hope Rd
Smithfield PA 15478
724-564-9211

Product Data Sheet

Grade Graphtek™ GR030-NOX

Characteristics	Typical Properties
Grain size, max (inch)	0.030
Apparent Density (g/cm ³)	1.74
Compressive Strength (PSI)	5,200
Flexural Strength (PSI)	2,800
Tensile Strength (PSI)	1,400
Oxidizing Atmosphere (F)	950
Neutral Atmosphere (F)	5000
Porosity (%)	20
CTE (in/in/F)	1.4
Electrical Resistance (Ohm-in)	0.0003
Thermal Conductivity (BTU/hr./sq.ft/F/ft.)	85
Ash (%)	0.10

This information presents typical properties only and is intended to provide general description of our products and their uses. It should not be construed as guaranteeing specific values or grade suitability for a particular application.

"Graphite is our specialty!"