



M|B|I
M. BRASHEM, INC.

14023 NE 8th Street
Bellevue, WA 98007, USA
Phone: 1-425-641-1566
Toll Free: 1-800-274-2008
Fax: 1-425-641-1583
E-mail: info@mbigraphite.com

Quality Engineered Graphite
Technical Bulletin

GRADE MBG-XG1 GRAPHITE

Is a general purpose, consistent quality, medium grain size material. It is an excellent performer in those applications requiring better strength and higher densities.

TYPICAL APPLICATIONS INCLUDE:

Furnace parts, crucibles, casting molds, heating elements, brazing fixtures, heat treating, sintering, float glass linings and tooling.

SIZES

Available upon request.

TYPICAL PROPERTIES @ ROOM TEMPERATURE (ENGLISH)

Bulk Density (g/cm ³)	1.73
Average Particle Size (in.)	0.03
Specific Resistance (10 ⁻⁴ Ω.in)	3.9
Flexural Strength (psi)	1,738
Compressive Strength (psi)	3716
Ash Content (%)	0.09
CTE to 100°C (10 ⁻⁶ /°C)	2.20

*Note: This information is not a warranty. It is offered solely for your consideration, investigation and verification.

"GRAPHITE IS OUR SPECIALTY"