

Quality Engineered Graphite
Technical Bulletin

GRADE MBG-III 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)	1.72
Average Particle Size (in.)	0.03
Specific Resistance (10 ⁻⁴ Ω.in)	3.9
Flexural Strength (psi)	2,386
Compressive Strength (psi)	5,952
Ash Content (%)	0.18
CTE to 100°C (10 ⁻⁶ /°C)	2.65

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

"GRAPHITE IS OUR SPECIALTY"