



M|B|I
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Quality Engineered Graphite
Technical Bulletin

GRADE MBIS-L5

Is a quality, fine grain, high strength isostatically molded graphite that can be machined to tight tolerances and used in a vast array of the most difficult applications.

TYPICAL APPLICATIONS INCLUDE:

Continuous casting dies, semiconductor and composite parts, sintering (ceramic and electronic), hot pressing, diamond drill bits and rocket nozzles.

SIZES

Available upon request.

TYPICAL PROPERTIES @ ROOM TEMPERATURE (ENGLISH)

Bulk Density (g/cm ³)	1.85
Average Particle Size (in.)	.001
Specific Resistance (10 ⁻⁴ Ω.in)	5.91
Flexural Strength (psi)	5814
CTE (10 ⁻⁶ /°F)	2.7
Ash Content (%/nppm)	.07/700
Young's Modulus (x10 ⁻⁶ /psi)	1.7
Compressive Strength (psi)	13,082
Hardness (shore)	55

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

"GRAPHITE IS OUR SPECIALTY"

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