



AMERI-SOURCE™

TECHNICAL INFORMATION

GRADE AS-UF MOLDED GRAPHITE

Ultra fine grain, high density, and excellent mechanical properties

Typical Applications

- Continuous Casting dies
- Hot Pressing Molds and Punches
- Composite Tooling
- EDM electrodes

Sizes Available

- Block - 16" x 16" x 20" (Larger sizes available)
- Rounds – 2" diameter through 16" diameter x 20" long

Typical Properties @ room temperature

	ENGLISH	AG	METRIC	AG
Density	lbs/ft ³	110	g/cm ³	1.83
Particle Size (max)	inches	0.003	mm	0.075
Specific Resistance	10 ⁻⁴ Ω in	4.5	μΩm	10
Flexural Strength	psi	5,800	Mpa	40
Compressive Strength	psi	11,500	Mpa	80
CTE (to 100 deg. C)	10 ⁻⁶ /deg F	1.7	10 ⁻⁶ /deg C	3.0

This information is not to be taken either as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification.

SOLUTIONS TO GLOBAL COMPETITION

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