

AMERI-SOURCE

TECHNICAL INFORMATION

GRADE AS-CX MOLDED GRAPHITE (HLM Equivalent)

High density and good mechanical properties

Typical Applications

- Centrifugal casting molds
- Induction and vacuum furnace parts
- Electrolytic anodes and cathodes
- Quarts processing
- Tungsten Carbide furnace applications
- Heating Elements
- Plates
- Fixtures
- Run-out elements
- Crucibles

Custom Machining to your Specifications

Typical Properties @ room temperature

	ENGLISH	AG	METRIC	AG	
Density	lbs/ft ³	108	g/cm ³	1.74	.
Average Particle Size	inches	0.03	mm	0.76	.
Specific Resistance	10 ⁻⁴ Ω in	3.35	μΩm	8.5	.
Flexural Strength	psi	3250	Mpa	22.0	.
Compressive Strength	psi	6000	Mpa	44	.
CTE (to 100 deg. C)	10 ⁻⁶ /deg F	1.3	10 ⁻⁶ /deg C	2.5	.

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SOLUTIONS TO GLOBAL COMPETITION

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