

# ADVANCED MOLD/EDM SUPPLIES

PRECISION GRAPHITE MACHINING  
ALL EDM SUPPLIES

"Doing The Dirty Work For YOU"

Since 2004

## AME 800

### GENERAL

Isomolded, very fine micro-grain, high strength, isotropic graphite.

### TYPICAL APPLICATIONS

Micro-grain EDM graphite with exceptional ease of machining and outstanding EDM performance. Provides excellent surface finish and low electrode wear. Best choice for fine detail and intricate EDM electrodes.

PROPERTIES	ENGLISH UNITS	SI UNITS
	TYPICAL VALUES	
BULK DENSITY	117 lbs/ft <sup>3</sup>	1.88 gm/cm <sup>3</sup>
GRAIN SIZE	< .0002 inch	< 5 μm
SPECIFIC RESISTANCE	.00052 ohm-in	1,320 μ ohm-cm
FLEXURAL STRENGTH	13,500 psi	93 MP <sub>a</sub>
COMPRESSIVE STRENGTH	20,000 psi	138 MP <sub>a</sub>
SHORE HARDNESS	72	72
ROCKWELL "H" HARDNESS	95	95
COEFFICIENT OF THERMAL EXPANSION (400 TO 500C)	4.2 X 10E-6/ <sup>o</sup> F	7.5 X 10E - 6/ <sup>o</sup> C
ASH	400 ppm	400 ppm

Due to constant evolution of techniques and norms, the characteristics and specifications contained in this document are subject to change without notice.

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