

ADVANCED MOLD/EDM SUPPLIES

PRECISION GRAPHITE MACHINING
ALL EDM SUPPLIES

"Doing The Dirty Work For YOU"

Since 2004

AME 260

GENERAL

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

TYPICAL APPLICATIONS

An excellent EDM material which yields both good metal removal rates and excellent electrode wear. Produces a surface finish 4.0 Ra μm .

PROPERTIES	ENGLISH UNITS	SI UNITS
	TYPICAL VALUES	
BULK DENSITY	111 lbs/ft ³	1.78 gm/cm ³
GRAIN SIZE	.0003 inch	7 μm
SPECIFIC RESISTANCE	.00050 ohm-in	1,270 μ ohm-cm
FLEXURAL STRENGTH	8,500 psi	60 MP _a
TENSILE STRENGTH	5,200 psi	36 MP _a
COMPRESSIVE STRENGTH	18,000 psi	124 MP _a
HARDNESS-SHORE	60	60
ROCKWELL "H" HARDNESS	75	75
COEFFICIENT OF THERMAL EXPANSION (400 TO 500C)	3.1 X 10E-6/ ^o F	5.5 X 10E - 6/ ^o C
THERMAL CONDUCTIVITY	58 BTU - Ft/Ft ² Hr ^o F	100 W/m ^o C
ASH	800 ppm	800 ppm

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