



Ohio Carbon Blank
 GRAPHITE MACHINING EXPERTS

440-953-9302
 fax 440-953-5829
800-448-8887

38403 Pelton Road
 Willoughby, Ohio 44094-7221
 www.ohiocarbonblank.com

ISO-9001:2015 Certified Company

Graphite Material Datasheet

EDM-AF5

EDM-AF5 is a angstrofine grain grain, molded graphite material, and the properties are isotropic.

Common Material Applications:

EDM Applications [Finishing Intricate Details]

Material Properties & Characteristics

Grain Type:	Angstrofine Grain
Form Process:	Molded
Special Treatments:	None
Avg Particle Size:	.000039" [1.0 μ]
Bulk Density:	1.80 g/cm ³
Shore Hardness:	83
Electrical Resistivity:	850 μΩ-inch
Flexural Strength:	14,500 lbs/in ²
Compressive Strength:	22,100 lbs/in ²
Tensile Strength:	8,500 lbs/in ²
Young's Modulus:	N/A
Thermal Conductivity:	N/A
Thermal Expansion:	N/A
Ash Content:	N/A
Porosity:	N/A
Max Inert Temperature:	Not Available
Max Block Size:	2 x 8 x 24

all material specifications are considered typical from the manufacturers and/or distributors

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