



Ohio Carbon Blank
GRAPHITE MACHINING EXPERTS

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ISO-9001:2015 Certified Company

Graphite Material Datasheet

EDM-C3

EDM-C3 is a ultrafine grain grain, copper impregnated, molded graphite material, and the properties are isotropic.

Common Material Applications:

EDM Applications [Finishing]

Material Properties & Characteristics

Grain Type:	Ultrafine Grain
Form Process:	Molded
Special Treatments:	Copper Impregnated
Avg Particle Size:	.000197" [5.0 μ]
Bulk Density:	3.05 g/cm ³
Shore Hardness:	66
Electrical Resistivity:	127 μΩ-inch
Flexural Strength:	20,300 lbs/in ²
Compressive Strength:	28,350 lbs/in ²
Tensile Strength:	12,500 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 12

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

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