



**Graphite Material Datasheet**

**EDM-C3**

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

Common Material Applications: EDM Applications
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**Material Properties & Characteristics**

Grain Type:	Ultrafine Grain
Form Process:	Molded Graphite
Special Treatments:	Copper Impregnated
Avg. Particle Size:	.000197" [5 μ]
Bulk Density:	3.05 g/cm <sup>3</sup>
Shore Hardness:	66 Shore
Electrical Resistivity:	127 μΩ-inch
Flexural Strength:	20,300 lbs/in <sup>2</sup>
Compressive Strength:	28,350 lbs/in <sup>2</sup>
Tensile Strength:	12,500 lbs/in <sup>2</sup>
Young's Modulus:	N/A
Thermal Conductivity:	N/A
Thermal Expansion [CTE]:	N/A
Ash Content:	N/A
Porosity:	N/A
Max. Inert Temperature	Not Available

*all material specifications presented are considered typical from each of the manufacturers and/or distributors*