



Graphite Material Datasheet

EDM-1

EDM-1 is a ultrafine grain, molded graphite material, and the properties are isotropic.

Common Material Applications: EDM Applications

Material Properties & Characteristics

Grain Type:	Ultrafine Grain
Form Process:	Molded Graphite
Special Treatments:	None
Avg. Particle Size:	.000197" [5 μ]
Bulk Density:	1.66 g/cm ³
Shore Hardness:	69 Shore
Electrical Resistivity:	760 μΩ-inch
Flexural Strength:	9,700 lbs/in ²
Compressive Strength:	14,200 lbs/in ²
Tensile Strength:	6,000 lbs/in ²
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