

Ohio Carbon Blank OCB AR-08 EDM Grade Graphite

Category : Carbon , Graphite

Material Notes:

Available in a range of sizes and shapes.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ohio-Carbon-Blank-OCB-AR-08-EDM-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.80 g/cc	0.0650 lb/in ³	
Particle Size	12.0 µm	12.0 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
Tensile Strength	29.3 MPa	4250 psi	
Flexural Strength	51.7 MPa	7500 psi	
Compressive Strength	114 MPa	16500 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	103.8 W/m-K	720.4 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00124 ohm-cm	0.00124 ohm-cm	

Descriptive Properties	Value	Comments
Grain	Fine	
Suggested Applications	Forging Dies	
	Large Cavity Molds	
	Large Die Casts	
	Large Extrusion Dies	
	Roughing Electrodes	
Wear Resistance	Medium	

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