

Ohio Carbon Blank OCB AR-06 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-06-EDM-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.76 g/cc	0.0636 lb/in ³	
Particle Size	12.0 µm	12.0 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	
Tensile Strength	25.4 MPa	3680 psi	
Flexural Strength	44.8 MPa	6500 psi	
Compressive Strength	98.6 MPa	14300 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	120 W/m-K	833 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00127 ohm-cm	0.00127 ohm-cm	

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

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