

Ohio Carbon Blank OCB TTK-4 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-TTK-4-EDM-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.78 g/cc	0.0643 lb/in ³	
Particle Size	4.1 µm	4.1 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	
Tensile Strength	41.5 MPa	6020 psi	
Flexural Strength	73.1 MPa	10600 psi	
Compressive Strength	135 MPa	19600 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	90.0 W/m-K	625 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.001397 ohm-cm	0.001397 ohm-cm	

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

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