

Ohio Carbon Blank OCB UT-3 Mechanical 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-UT-3-Mechanical-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.70 g/cc	0.0614 lb/in ³	
Particle Size	10.2 µm	10.2 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	
Tensile Strength	20.7 MPa	3000 psi	
Flexural Strength	36.5 MPa	5300 psi	
Compressive Strength	68.9 MPa	10000 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	93.4 W/m-K	648 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00135 ohm-cm	0.00135 ohm-cm	

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

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