

Ohio Carbon Blank OCB UT-2E 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-2E-Mechanical-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.72 g/cc	0.0621 lb/in ³	
Particle Size	762 µm	762 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	
Tensile Strength	12.7 MPa	1850 psi	
Flexural Strength	16.5 MPa	2400 psi	
Compressive Strength	33.1 MPa	4800 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	129.7 W/m-K	900.1 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000826 ohm-cm	0.000826 ohm-cm	

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

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