

**Ohio Carbon Blank OCB AR-12 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-12-EDM-Grade-Graphite.php](http://www.lookpolymers.com/polymer_Ohio-Carbon-Blank-OCB-AR-12-EDM-Grade-Graphite.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.78 g/cc	0.0643 lb/in³	
Particle Size	7.9 µm	7.9 µm	Average

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	
Tensile Strength	29.5 MPa	4280 psi	
Flexural Strength	52.0 MPa	7540 psi	
Compressive Strength	106 MPa	15400 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	89.9 W/m-K	624 BTU-in/hr-ft²-°F	

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

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

## Contact Songhan Plastic Technology Co.,Ltd.

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