

Poco Graphite DFP-3-2 Ion Implant Grade Graphite

Category : Carbon , Graphite

Material Notes:

This is a high strength graphite that has reduced porosity. DFP-3-2 has long been the standard for components that exhibit long life and reduced erosion rates.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Poco-Graphite-DFP-3-2-Ion-Implant-Grade-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.82 g/cc	0.0658 lb/in ³	
Particle Size	4.0 μm	4.0 μm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
Flexural Strength	82.7 MPa	12000 psi	
Compressive Strength	138 MPa	20000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.10 μm/m-°C	4.50 μin/in-°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00152 ohm-cm	0.00152 ohm-cm	

Descriptive Properties	Value	Comments
Purity	0.999995	

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