

Poco Graphite ZEE-2 Ion Implant Grade Graphite

Category : Carbon , Graphite

Material Notes:

ZEE is a hard, wear-resistant material. This next generation ion implant material offers improved performance through the entire range of low to high-energy implants. POCO ZEE is high-purity, isotropic graphite with a true 1-micron grain size. A unique manufacturing process yields a graphite with elevated hardness and strengths that exhibits reduced wear and particle generation even in the highest energy environments.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.77 g/cc	0.0639 lb/in ³	
Particle Size	1.0 µm	1.0 µm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	100	100	
Flexural Strength	103 MPa	14900 psi	
Compressive Strength	207 MPa	30000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.40 µm/m-°C	4.67 µin/in-°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00320 ohm-cm	0.00320 ohm-cm	

Descriptive Properties	Value	Comments
Purity	0.999995	

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