

Poco Graphite Glassmate® HT Graphite

Category : Carbon , Graphite

Material Notes:

This high strength material has an oxidation inhibitor that raises the oxidation threshold. Service temperature can be raised to 600°C; graphites are subject to oxidation above 450°C

Order this product through the following link:

http://www.lookpolymers.com/polymer_Poco-Graphite-Glassmate-HT-Graphite.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.74 g/cc	0.0629 lb/in ³	
Particle Size	5.0 µm	5.0 µm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
Flexural Strength	81.0 MPa	11700 psi	
Compressive Strength	136 MPa	19700 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.10 µm/m-°C	4.50 µin/in-°F	
Thermal Conductivity	85.0 W/m-K	590 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00147 ohm-cm	0.00147 ohm-cm	

Descriptive Properties	Value	Comments
Oxidation Threshold	607°C	

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