

Poco Graphite Glassmate® GM Graphite

Category : Carbon , Graphite

Material Notes:

This material has high strength and durability for applications with high wear. An exceptional insert material for precision thread pick up and long production runs.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Poco-Graphite-Glassmate-GM-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	80.0 MPa	11600 psi	
Compressive Strength	130 MPa	18900 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	450°C	

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