

## Poco Graphite Glassmate® LT Graphite

Category : Carbon , Graphite

**Material Notes:**

In very high wear situations, LT, with a hardness rating higher than GM material, will resist wear longer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Poco-Graphite-Glassmate-LT-Graphite.php](http://www.lookpolymers.com/polymer_Poco-Graphite-Glassmate-LT-Graphite.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.77 g/cc	0.0639 lb/in <sup>3</sup>	
Particle Size	5.0 µm	5.0 µm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	96	96	
Flexural Strength	86.0 MPa	12500 psi	
Compressive Strength	155 MPa	22500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.50 µm/m-°C	4.72 µin/in-°F	
Thermal Conductivity	60.0 W/m-K	416 BTU-in/hr-ft <sup>2</sup> -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00245 ohm-cm	0.00245 ohm-cm	

Descriptive Properties	Value	Comments
Oxidation Threshold	470°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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