

## Poco Graphite AXF-5Q Industrial Grade Graphite

Category : Carbon , Graphite

### Material Notes:

POCO's specialty graphite materials are used in a wide range of highly technical and industrial applications. Each grade has characteristics and properties that allow the user to match the ideal graphite to each application. Post synthesis modifications enhance the original material to allow even greater flexibility for highly specialized conditions.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Poco-Graphite-AXF-5Q-Industrial-Grade-Graphite.php](http://www.lookpolymers.com/polymer_Poco-Graphite-AXF-5Q-Industrial-Grade-Graphite.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.78 g/cc	0.0643 lb/in <sup>3</sup>	
Open Porosity	80 %	80 %	
Porosity	20 %	20 %	
Particle Size	5.0 µm	5.0 µm	
Pore Size	0.800 microns	0.0315 mil	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
Tensile Strength, Yield	62.0 MPa	8990 psi	
Elongation at Yield	0.95 %	0.95 %	
Modulus of Elasticity	11.0 GPa	1600 ksi	
Flexural Strength	86.0 MPa	12500 psi	
Compressive Strength	138 MPa	20000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	7.90 µm/m-°C	4.39 µin/in-°F	
Thermal Conductivity	95.0 W/m-K	659 BTU-in/hr-ft <sup>2</sup> -°F	

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

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China