

## Overview of materials for Phenolic, Graphite Cloth Composite

Category : Polymer , Thermoset , Phenolic , Phenolic, Graphite Cloth Composite

### Material Notes:

This property data is a summary of similar materials in the MatWeb database for the category "Phenolic, Graphite Cloth Composite". Each property range of values reported is minimum and maximum values of appropriate MatWeb entries. The comments report the average value, and number of data points used to calculate the average. The values are not necessarily typical of any specific grade, especially less common values and those that can be most affected by additives or processing methods.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Overview-of-materials-for-Phenolic-Graphite-Cloth-Composite.php](http://www.lookpolymers.com/polymer_Overview-of-materials-for-Phenolic-Graphite-Cloth-Composite.php)

Physical Properties	Metric	English	Comments
Density	1.32 - 1.39 g/cc	0.0477 - 0.0502 lb/in <sup>3</sup>	Average value: 1.35 g/cc Grade Count:3

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	68.7 - 80.0 MPa	9970 - 11600 psi	Average value: 75.3 MPa Grade Count:3
Flexural Yield Strength	123 - 139 MPa	17800 - 20200 psi	Average value: 133 MPa Grade Count:3
Flexural Modulus	8.07 - 11.7 GPa	1170 - 1700 ksi	Average value: 10.2 GPa Grade Count:3
Compressive Yield Strength	75.2 - 91.0 MPa	10900 - 13200 psi	Average value: 81.8 MPa Grade Count:3
Compressive Modulus	12.1 - 14.7 GPa	1750 - 2130 ksi	Average value: 13.4 GPa Grade Count:3

## 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