

## Phenolic 37%, Graphite fabric 63%

Category : Polymer , Thermoset , Carbon Fiber/Thermoset Composite , Phenolic , Phenolic, Graphite Cloth Composite

### Material Notes:

Phenolic - "91LD". Graphite fabric - "WCB"

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phenolic-37-Graphite-fabric-63.php](http://www.lookpolymers.com/polymer_Phenolic-37-Graphite-fabric-63.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 1.39 g/cc | 0.0502 lb/in <sup>3</sup> |          |

| Mechanical Properties      | Metric    | English   | Comments |
|----------------------------|-----------|-----------|----------|
| Tensile Strength, Ultimate | 68.74 MPa | 9970 psi  |          |
| Flexural Yield Strength    | 123 MPa   | 17800 psi |          |
| Flexural Modulus           | 8.07 GPa  | 1170 ksi  |          |
| Compressive Yield Strength | 75.2 MPa  | 10900 psi |          |
| Compressive Modulus        | 12.1 GPa  | 1750 ksi  |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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