

## Saint-Gobain Quartzel<sup>®</sup> Fiber/Epoxy Resin Unidirectional Composite

Category : Polymer , Thermoset , Epoxy , Epoxy, Molded, Glass Fiber Filler , Filled/Reinforced Thermoset

### Material Notes:

Quartzel<sup>®</sup> fiber is produced from quartz crystal that is ground, purified, fiberized by a fusion process. It is homogeneous, non-porous, continuous, amorphous, ultra pure silica glass. It is often used as a reinforcing agent for high performance composites. Different grades and sizes of Quartzel<sup>®</sup> offer optimized compatibility with different resin systems. Information provided by Saint-Gobain Quartz PLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Quartzel-FiberEpoxy-Resin-Unidirectional-Composite.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Quartzel-FiberEpoxy-Resin-Unidirectional-Composite.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	1200 MPa	174000 psi	
Flexural Modulus	35.0 GPa	5080 ksi	
Compressive Yield Strength	1000 MPa	145000 psi	
Shear Strength	74.0 MPa	10700 psi	Interlaminar

## Contact Songhan Plastic Technology Co.,Ltd.

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