

## Shinkong Synthetic Fibers Shinite® P305G20 PP, 20% Glass Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

**Material Notes:**

Information from Shinkong Synthetic Fibers Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shinkong-Synthetic-Fibers-Shinite-P305G20-PP-20-Glass-Filled.php](http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-P305G20-PP-20-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Water Absorption	0.040 %	0.040 %	ASTM D570
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	73.5 MPa	10700 psi	ASTM D638
Elongation at Break	4.5 %	4.5 %	ASTM D638
Flexural Yield Strength	98.1 MPa	14200 psi	ASTM D790
Flexural Modulus	3.53 GPa	512 ksi	ASTM D790
Izod Impact, Notched	0.981 J/cm @Thickness 3.17 mm, Temperature 23.0 Å°C	1.84 ft-lb/in @Thickness 0.125 in, Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	150 Å°C	302 Å°F	ASTM D648
Flammability, UL94	HB	HB	

### 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