

Shinkong Synthetic Fibers Shinite® P305G30 PP, 30% Glass Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% 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-P305G30-PP-30-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	ASTM D570
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	83.4 MPa	12100 psi	ASTM D638
Elongation at Break	4.5 %	4.5 %	ASTM D638
Flexural Yield Strength	118 MPa	17100 psi	ASTM D790
Flexural Modulus	4.90 GPa	711 ksi	ASTM D790
Izod Impact, Notched	0.981 J/cm @Thickness 3.17 mm, Temperature 23.0 Â°C	1.84 ft-lb/in @Thickness 0.125 in, Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	160 Â°C	320 Â°F	ASTM D648
Flammability, UL94	HB	HB	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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