

Shinkong Synthetic Fibers Shinite® N602 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Information from Shinkong Synthetic Fibers Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-N602-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792
Water Absorption	1.1 %	1.1 %	ASTM D570
Linear Mold Shrinkage, Flow	0.012 - 0.018 cm/cm	0.012 - 0.018 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.015 - 0.020 cm/cm	0.015 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	49.0 MPa	7110 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Yield Strength	83.4 MPa	12100 psi	ASTM D790
Flexural Modulus	2.65 GPa	384 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm @Thickness 3.17 mm, Temperature 23.0 Å°C	0.735 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)	85.0 Å°C	185 Å°F	ASTM D648
Flammability, UL94	V-0	V-0	

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