

PolyOne Lubri-Tech™ NL-000/40T Nylon 6/12 - 40% PTFE (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612 with PTFE Filler

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-NL-00040T-Nylon-612-40-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.342 g/cc	0.04848 lb/in³	ASTM D792
Water Absorption	0.50 %	0.50 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	52.0 MPa	7540 psi	ASTM D638
Elongation at Break	2.0 - 5.0 %	2.0 - 5.0 %	ASTM D638
Tensile Modulus	2.10 GPa	305 ksi	ASTM D638
Flexural Yield Strength	76.0 MPa	11000 psi	ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	0.430 - 0.690 J/cm	0.806 - 1.29 ft-lb/in	ASTM D256
	@Thickness 6.35 mm	@Thickness 0.250 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	121 °C	250 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	79.0 °C	174 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 260 °C	450 - 500 °F	Stock
Mold Temperature	93.0 - 107 °C	199 - 225 °F	
Drying Temperature	93.0 - 107 °C	199 - 225 °F	

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