

## PolyOne Lubri-Tech™ NL-30CF/15T Nylon 6/12, Carbon Fiber Reinforced, PTFE Lubricated (discontinued \*\*)

Category : Polymer , Thermoplastic , Nylon , Nylon 612

**Material Notes:**

Description/Features:PTFE LubricatedLow WearCarbon Fiber ReinforcedHigh StiffnessProcessing Method:MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Lubri-Tech-NL-30CF15T-Nylon-612-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-NL-30CF15T-Nylon-612-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	193 MPa	28000 psi	Type 1 - Rigids, Break, 0.2 in/min; ASTM D638
Elongation at Break	2.0 %	2.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	24.1 GPa	3500 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	286 MPa	41500 psi	ASTM D790
Flexural Modulus	15.34 GPa	2225 ksi	ASTM D790
Izod Impact, Notched	1.12 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	2.10 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	216 °C	420 °F	Unannealed; ASTM D648

### 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