

## PolyOne Lubri-Tech™ NL-30CF/10T-2S Nylon 6/12, Carbon Fiber Reinforced, PTFE Lubricated (discontinued \*\*)

Category : Polymer , Thermoplastic , Nylon , Nylon 612

### Material Notes:

Description/Features: Carbon Fiber Reinforced PTFE Lubricated PolyOne First Choice Information provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Lubri-Tech-NL-30CF10T-2S-Nylon-612-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-NL-30CF10T-2S-Nylon-612-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.317 g/cc	1.317 g/cc	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0015 cm/cm	0.0010 - 0.0015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	172 MPa	25000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	4.0 %	4.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	10.3 GPa	1500 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	221 MPa	32000 psi	ASTM D790
Flexural Modulus	10.3 GPa	1500 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	4.50 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 - 10000 ohm-cm	100 - 10000 ohm-cm	ASTM D257
Surface Resistivity per Square	100 - 10000 ohm	100 - 10000 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	249 - 282 °C	480 - 540 °F	Molding
Mold Temperature	93.3 - 104 °C	200 - 220 °F	
Drying Temperature	93.3 - 104 °C	200 - 220 °F	

<small>Dry Time</small> Processing Properties	<small>2 hour</small> Metric	<small>2 hour</small> English	Comments
Descriptive Properties		Value	Comments
Product Form		Pellets	

## 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