

Lucent Polymers 6-01 Nylon 6, General Purpose, Injection Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Add "R" for Added ReleaseAdd "U" for UV StabilizedTypical Properties, Dry as MoldedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-6-01-Nylon-6-General-Purpose-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.013 cm/cm @Thickness 3.17 mm	0.013 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	73.1 MPa	10600 psi	ASTM D638
Elongation at Break	>= 25 %	>= 25 %	ASTM D638
Flexural Strength	103.45 MPa	15004 psi	ASTM D790
Flexural Modulus	2.759 GPa	400.1 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	0.900 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	210 - 225 Â°C	410 - 437 Â°F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	60.0 Â°C	140 Â°F	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