

## Ravago Manufacturing Americas Hylon® N2000NHL Nylon 6 (Cond)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Heat Stabilized

**Material Notes:**

Information provided by Ravago.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ravago-Manufacturing-Americas-Hylon-N2000NHL-Nylon-6-Cond.php](http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N2000NHL-Nylon-6-Cond.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	DAM; ASTM D792
Water Absorption	1.6 %	1.6 %	24 hrs, DAM; ASTM D570
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	0.125 in, DAM; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.4 MPa	6300 psi	ASTM D638
Elongation at Break	240 %	240 %	ASTM D638
Flexural Strength	41.4 MPa	6000 psi	ASTM D790
Flexural Modulus	0.945 GPa	137 ksi	ASTM D790
Izod Impact, Notched	1.71 J/cm	3.20 ft-lb/in	73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2	V-2	0.0590 in, NC

Processing Properties	Metric	English	Comments
Melt Temperature	238 - 266 °C	460 - 510 °F	
Mold Temperature	48.9 - 82.2 °C	120 - 180 °F	
Drying Temperature	73.9 °C	165 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	0.18 %	0.18 %	
Back Pressure	0.138 - 0.414 MPa	20.0 - 60.0 psi	
Screw Speed	40 - 120 rpm	40 - 120 rpm	

**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