

## Ravago Manufacturing Americas Hylon® N1200STHL BK Nylon 6/6

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Heat Stabilized

### Material Notes:

Available in North America Additive: Heat Stabilizer and Lubricant Features: Lubricated, Good Toughness and Heat StabilizedRoHS

CompliantForm: Pellets Color: BlackInformation provided by Ravago.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ravago-Manufacturing-Americas-Hylon-N1200STHL-BK-Nylon-66.php](http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1200STHL-BK-Nylon-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	ISO 1183
Water Absorption	1.2 % @Time 86400 sec	1.2 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.017 - 0.021 cm/cm	0.017 - 0.021 in/in	ASTM D955 and ISO 294-4

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength at Break	51.7 MPa	7500 psi	ASTM D638
	52.0 MPa	7540 psi	ISO 527-2
Elongation at Break	40 %	40 %	ASTM D638
Flexural Strength	68.9 MPa	10000 psi	ASTM D790
	68.9 MPa	10000 psi	ISO 178
Flexural Modulus	1.55 GPa	225 ksi	ISO 178
	1.76 GPa	255 ksi	ASTM D790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D256
Izod Impact, Notched (ISO)	861 kJ/m <sup>2</sup>	410 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	216 °C	420 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.2 °C	135 °F	Unannealed; ASTM D648

## **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**