

**Ravago Manufacturing Americas Hylon® N1200THL BK Nylon 6/6**

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

**Material Notes:**

Available in North America Additive: Heat Stabilizer, Impact Modifier and Lubricant Features: Lubricated, Impact Modified and Heat Stabilized RoHS Compliant Form: Pellets Color: Black Information provided by Ravago.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ravago-Manufacturing-Americas-Hylon-N1200THL-BK-Nylon-66.php](http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1200THL-BK-Nylon-66.php)

| Physical Properties         | Metric              | English             | Comments  |
|-----------------------------|---------------------|---------------------|-----------|
| Specific Gravity            | 1.11 g/cc           | 1.11 g/cc           | ASTM D792 |
| Water Absorption            | 1.2 %               | 1.2 %               | ASTM D570 |
|                             | @Time 86400 sec     | @Time 24.0 hour     |           |
| Linear Mold Shrinkage, Flow | 0.017 - 0.021 cm/cm | 0.017 - 0.021 in/in | ASTM D955 |
|                             | @Thickness 3.17 mm  | @Thickness 0.125 in |           |

| Mechanical Properties     | Metric    | English       | Comments  |
|---------------------------|-----------|---------------|-----------|
| Hardness, Rockwell R      | 110       | 110           | ASTM D785 |
| Tensile Strength at Break | 62.1 MPa  | 9000 psi      | ASTM D638 |
| Elongation at Break       | 25 %      | 25 %          | ASTM D638 |
| Flexural Strength         | 75.8 MPa  | 11000 psi     | ASTM D790 |
| Flexural Modulus          | 2.41 GPa  | 350 ksi       | ASTM D790 |
| Izod Impact, Notched      | 1.60 J/cm | 3.00 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments              |
|---|---------|---------|-----------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 227 °C  | 440 °F  | Unannealed; ASTM D785 |
| Deflection Temperature at 1.8 MPa (264 psi) | 68.3 °C | 155 °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