

Ravago Manufacturing Americas Hylon® N1000THLHF2 Nylon 6/6 (discontinued **)

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

Material Notes:

Available in North America Additive: Heat Stabilizer, Lubricant and Impact Modifier Features: Lubricated, Heat Stabilized, Impact Modifier and High Flow RoHS Compliant Auto Specifications: GM GMW16447P-PA66-T2 Color: Black Form: Pellets Processing Method: Injection Molding Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1000THLHF2-Nylon-66-nbspdiscontinued-.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 |
| Linear Mold Shrinkage, Flow | 0.016 - 0.020 cm/cm @Thickness 3.17 mm | 0.016 - 0.020 in/in @Thickness 0.125 in | ASTM D955 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 65.0 MPa | 9430 psi | ASTM D638 |
| Elongation at Break | 35 % | 35 % | ASTM D638 |
| Flexural Strength | 74.5 MPa | 10800 psi | ASTM D790 |
| Flexural Modulus | 2.24 GPa | 325 ksi | ASTM D790 |
| Izod Impact, Notched | 1.76 J/cm | 3.30 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 213 °C | 415 °F | Unannealed; ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 67.2 °C | 153 °F | Unannealed; ASTM D648 |

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