

## Ravago Manufacturing Americas Hylon® N2015L Nylon 6 (Cond)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced

**Material Notes:**

Information provided by Ravago.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ravago-Manufacturing-Americas-Hylon-N2015L-Nylon-6-Cond.php](http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N2015L-Nylon-6-Cond.php)

| Physical Properties   | Metric       | English                   | Comments                 |
|-----------------------|--------------|---------------------------|--------------------------|
| Density               | 1.22 g/cc    | 0.0441 lb/in <sup>3</sup> | DAM; ASTM D792           |
| Water Absorption      | 1.2 %        | 1.2 %                     | 24 hrs, DAM; ASTM D570   |
| Linear Mold Shrinkage | 0.0050 cm/cm | 0.0050 in/in              | 0.125 in, DAM; ASTM D955 |

| Mechanical Properties | Metric    | English       | Comments        |
|-----------------------|-----------|---------------|-----------------|
| Izod Impact, Notched  | 1.12 J/cm | 2.10 ft-lb/in | 73°F; ASTM D256 |

| Thermal Properties | Metric | English | Comments      |
|--------------------|--------|---------|---------------|
| Flammability, UL94 | HB     | HB      | 0.0590 in, BK |
|                    | HB     | HB      | 0.0590 in, NC |

| Processing Properties | Metric            | English         | Comments |
|-----------------------|-------------------|-----------------|----------|
| Melt Temperature      | 254 - 277 °C      | 490 - 530 °F    |          |
| Mold Temperature      | 71.1 - 93.3 °C    | 160 - 200 °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           | 50 - 120 rpm      | 50 - 120 rpm    |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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