

## Ravago Manufacturing Americas Hylon® N2033HL 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-N2033HL-Nylon-6-Cond.php](http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N2033HL-Nylon-6-Cond.php)

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in <sup>3</sup>	DAM; ASTM D792
Water Absorption	1.1 %	1.1 %	24 hrs, DAM; ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	0.125 in, DAM; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	127 MPa	18400 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	5.12 GPa	743 ksi	ASTM D790
Izod Impact, Notched	2.35 J/cm	4.40 ft-lb/in	73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	0.0590 in

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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