

Ravago Manufacturing Americas Hylon® N2200 HL Nylon 6/6 (discontinued **)

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

Material Notes:

Available in North America Additive: Heat Stabilizer and Lubricant Features: Lubricated and Heat Stabilized RoHS Compliant Form: Pellets

Color: Black Processing Method: Injection Molding Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N2200-HL-Nylon-66-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Water Absorption	1.6 %	1.6 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.013 - 0.017 cm/cm	0.013 - 0.017 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	119	119	ASTM D785
Tensile Strength at Break	72.4 MPa	10500 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	100 MPa	14500 psi	ASTM D790
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	171 °C	340 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	Unannealed; ASTM D648

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