

Hylon® N2200HL

Polyamide 6

Ravago Manufacturing Americas, LLC

Message:

Nylon 6

General Information			
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	1.3 to 1.7	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.6	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	72.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2760	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	171	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A

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