

Hylon® N1000EL

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

Nylon 66

General Information			
UL YellowCard	E157012-100221842		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	1.4 to 1.8	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	83.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	3030	MPa	ISO 178
Flexural Stress	114	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	238	°C	ISO 75-2/B
1.8 MPa, Unannealed	88.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-2		
3.00 mm	V-2		

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