

Hylon® N2000

Polyamide 6
Ravago Manufacturing Americas, LLC

Message:
Nylon 6

General Information			
UL YellowCard	E157012-224009		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	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)	79.0	MPa	ISO 527-2
Tensile Strain (Break)	35	%	ISO 527-2
Flexural Modulus	2790	MPa	ISO 178
Flexural Stress	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	69.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
	HB		

Flame Rating (1.50 mm) V-2 UL 94

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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