

Hylon® N1033H

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

Nylon 66, 33% Glass Filled

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.50	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.70	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	193	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9300	MPa	ISO 178
Flexural Stress	269	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	243	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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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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