

Hylon® N1033HLFRA

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

Nylon 66, 33% Glass Filled, RoHS Compliant Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	145	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9300	MPa	ISO 178
Flexural Stress	260	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.5	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	180	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	V-0		
	V-0		
3.00 mm	5VA		

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