



HYLON® N1033HLFRA

Ravago Manufacturing Americas - Polyamide 66

Monday, November 4, 2019

General Information

Product Description

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

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight
Features	• Flame Retardant
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	0.30 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	21000	psi	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	1.35E+6	psi	ISO 178
Flexural Stress	37700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.6	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	2.6	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	460	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-0	
	•	V-0	
0.12 in		5VA	
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Notes

¹ Typical properties: these are not to be construed as specifications.