



HYLON® N2000HL

Ravago Manufacturing Americas - Polyamide 6

Monday, November 4, 2019

General Information

Product Description

Nylon 6

General

Material Status	• Commercial: Active
Availability	• North America
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	1.3 to 1.7	--	%	ISO 294-4
Water Absorption (24 hr, 73°F)	1.6	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	11500	6530	psi	ISO 527-2
Tensile Strain (Break)	35	90	%	ISO 527-2
Flexural Modulus	406000	144000	psi	ISO 178
Flexural Stress	16000	--	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	2.7	8.1	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	2.6	8.1	ft·lb/in ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature 264 psi, Unannealed	156	--	°F	ISO 75-2/A
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (0.06 in)	• HB • V-2	--		UL 94

Notes

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