



HYLON® N1000I2/6HL

Ravago Manufacturing Americas - Polyamide 66

Monday, November 4, 2019

General Information

Product Description

Nylon 66, Impact Modified, Heat Stabilized, Lubricated

General

Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Heat Stabilizer	• Impact Modifier	• Lubricant
Features	• Heat Stabilized	• Impact Modified	• Lubricated
RoHS Compliance	• RoHS Compliant		
UL File Number	• E157012		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	1.6 to 2.0	%	ISO 294-4
Water Absorption (24 hr, 73°F)	1.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	10200	psi	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	330000	psi	ISO 178
Flexural Stress	12800	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.7	ft-lb/in ²	ISO 179
Notched Izod Impact Strength	4.7	ft-lb/in ²	ISO 180
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	114		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	441	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	158	°F	ISO 75-2/A

Notes

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