



HYLON® N2043STHL

Ravago Manufacturing Americas - Polyamide 6

Monday, November 4, 2019

General Information

Product Description

Nylon 6, 43% Glass Filled, Superior Toughness

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 43% Filler by Weight
Features	• High Toughness
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	0.30 to 0.50	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	21800	psi	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	1.38E+6	psi	ISO 178
Flexural Stress	29000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.5	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	9.5	ft·lb/in ²	ISO 180

Notes

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