



HYLON® N2200THL

Ravago Manufacturing Americas - Polyamide 6

Monday, January 20, 2020

General Information

Product Description

Nylon 6, Impact Modified

General

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

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	1.7 to 1.9	%	ISO 294-4
Water Absorption (24 hr, 23°C)	1.6	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	56.0	MPa	ISO 527-2
Tensile Strain (Break)	35	%	ISO 527-2
Flexural Modulus	2070	MPa	ISO 178
Flexural Stress	72.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179
Notched Izod Impact Strength	10	kJ/m ²	ISO 180

Notes

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