



EnViramid® N2300STHL BK

Ravago Manufacturing Americas - Polyamide 6

Monday, November 4, 2019

General Information

Product Description

Nylon 6, Superior Toughness

General

Material Status	• Commercial: Active
Availability	• North America
Recycled Content	• Yes
Features	• High Toughness
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	1.5 to 1.9	%	ISO 294-4
Water Absorption (24 hr, 73°F)	1.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	5800	psi	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2
Flexural Modulus	218000	psi	ISO 178
Flexural Stress	8700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	19	ft-lb/in ²	ISO 179
Notched Izod Impact Strength	19	ft-lb/in ²	ISO 180

Notes

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