



EnViramid® N2330HLUV2 BK307

Ravago Manufacturing Americas - Polyamide 6

Monday, November 4, 2019

General Information

Product Description

Nylon 6, 30% Glass Filled, Heat Stabilized, Lubricated, UV Stabilized, Black

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Heat Stabilizer • Lubricant • UV Stabilizer
Recycled Content	• Yes
Features	• Heat Stabilized • Lubricated • UV Resistant
RoHS Compliance	• RoHS Compliant
Automotive Specifications	• GM GMW16556P-PA6-GF30 Color: Black
Appearance	• Black
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.39	--	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	0.10 to 0.50	--	%	ISO 294-4
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	20000	12300	psi	ISO 527-2
Tensile Strain (Break)	2.5	5.0	%	ISO 527-2
Flexural Modulus	1.42E+6	895000	psi	ISO 178
Flexural Stress	29000	18300	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.8	7.6	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	4.8	7.6	ft·lb/in ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature 66 psi, Unannealed	415	--	°F	ISO 75-2/B
Heat Deflection Temperature 264 psi, Unannealed	394	--	°F	ISO 75-2/A
Flammability	Dry	Conditioned	Unit	Test Method
Flammability Index	PASS	--		ISO 3795
Additional Information	Dry	Conditioned	Unit	Test Method
Xenon Arc - 2000 Hours	<2.0 deltaE	--		SAE J2527

Notes

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