



HYLON® N2240MGHL

Ravago Manufacturing Americas - Polyamide 6

Monday, November 4, 2019

General Information

Product Description

Nylon 6, 25% Mineral / 15% Glass Filled

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight • Mineral, 25% Filler by Weight
RoHS Compliance	• RoHS Compliant
Automotive Specifications	• GM GMP.PA6.012 Color: Black • GM GMW8752P-PA6-M25-GF15H • IMDS ID 77504140 Color: Black
UL File Number	• E157012

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.49	--	g/cm ³	ISO 1183
Molding Shrinkage - Flow (0.125 in)	0.30 to 0.60	--	%	ISO 294-4
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	16500	9430	psi	ISO 527-2
Tensile Strain (Break)	1.8	--	%	ISO 527-2
Flexural Modulus	1.10E+6	798000	psi	ISO 178
Flexural Stress	27600	--	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	1.9	3.3	ft-lb/in ²	ISO 179
Notched Izod Impact Strength	1.9	3.3	ft-lb/in ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				ISO 75-2/A
264 psi, Unannealed	399	--	°F	

Notes

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