



EnViramid® N1335HL BK

Ravago Manufacturing Americas - Polyamide 66

Monday, November 4, 2019

General Information

Product Description

Nylon 66, 35% Glass Filled

General

Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber, 35% Filler by Weight		
Recycled Content	• Yes		
RoHS Compliance	• RoHS Compliant		
Automotive Specifications	• CHRYSLER MS-DB-41 CPN5095	• FORD WRS-M4D673-B2	• GM GMW15702-260005
UL File Number	• E157012		

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.40	--	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)	21300	15200	psi	ISO 527-2
Tensile Strain (Break)	2.0	--	%	ISO 527-2
Flexural Modulus	1.60E+6	1.12E+6	psi	ISO 178
Flexural Stress	29000	--	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.3	5.7	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	4.3	5.7	ft·lb/in ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature 264 psi, Unannealed	455	--	°F	ISO 75-2/A

Notes

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