

# EnViramid<sup>®</sup> N1335HL BK

Polyamide 66

Ravago Manufacturing Americas



## Product Description

PA 66, 35% Glass Fiber Reinforced, Heat Stabilized, Lubricated, Black Color, Post Consumer Recycled Feedstock

## Specification Approvals

WRS-M4D673-B2, MS.50017 (MS-DB-41) CPN 5095, GMW15702-260005

Property	Test Method	Units	Dry	Conditioned 50% RH
<b>Physical</b>				
Specific Gravity	ISO 1183	—	1.40	—
Water Absorption (24 hr. Immersed)	ISO 62	%	0.6	—
Shrinkage (Flow Direction, 1/8 in.) <sup>1</sup>	ISO 294-4	%	0.1 – 0.5	—
<b>Mechanical</b>				
Strength at Break	ISO 527-1	MPa	147	105
Strain at Break	ISO 527-1	%	2.0	5.0
Flexural Modulus	ISO 178	MPa	10,500	7330
Flexural Strength	ISO 178	MPa	200	141
Notched Izod Impact (23°C)	ISO 180	kJ/m <sup>2</sup>	9	12
Notched Charpy Impact (23°C)	ISO 179	kJ/m <sup>2</sup>	9	12
<b>Thermal</b>				
Heat Deflection Temperature 1.80 MPa	ISO 75-2/A	°C	235	—
<b>Flammability</b>				
Flammability Classification	UL 94			
1.5 mm		—	HB	—
3.0 mm		—	HB	—

Datasheet

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All data displayed herein has been obtained via testing of injected molded specimens of natural color. Pigmentation may affect certain properties to various degrees.

<sup>1</sup> Shrinkage data are general guidelines and are only intended to allow comparison to other materials. They should not be used as the sole source of information for generating core and cavity mold dimensions.

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