

Enviramid® N1335 Series



Post Consumer Recycled Nylon



N1335HL BK

Nylon 66

Ravago Manufacturing Americas

Product Description

Nylon 66, 35% Glass Filled

Property	Test Method	Value DAM	Cond. 50% RH	Units
Physical				
Specific Gravity	ISO 1138	1.43		-
Water Absorption (24 hr, Immersed)	ISO 62	-		%
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	0.3-0.6		%
Mechanical				
Strength at Break	ISO 527-1	145		MPa
Strain at Break	ISO 527-1	2.0		%
Flexural Modulus	ISO 178	11,000		MPa
Flexural Strength	ISO 178	200		MPa
Notched Izod Impact	ISO 180	6		kJ/m ²
Notched Charpy Impact	ISO 179	-		kJ/m ²
Hardness (M-Scale)	ISO 2039	-		-
Thermal				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B			°C
1.80 MPa	ISO 72-2/A	235		°C
Flammability				File Number
				E157012
Flammability Classification	UL 94			
1.5 mm		-		-
3.0 mm		-		-