

HYLON® N1033L NAT

Polyamide 66

Ravago Manufacturing Americas

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Product Description

PA 66, 33% Glass Fiber Reinforced, Lubricated, Natural Color

Property	Test Method	Units	Dry	Conditioned 50% RH
Physical				
Specific Gravity	ISO 1183	–	1.38	–
Water Absorption (24 hr. Immersed)	ISO 62	%	0.7	–
Shrinkage (Flow Direction, 1/8 in.) ¹	ISO 294-4	%	0.3 - 0.5	–
Mechanical				
Strength at Break	ISO 527-1	MPa	193	126
Strain at Break	ISO 527-1	%	2.0	5.0
Flexural Modulus	ISO 178	MPa	9750	6810
Flexural Strength	ISO 178	MPa	274	186
Notched Izod Impact (23°C)	ISO 180	kJ/m ²	14	18
Notched Charpy Impact (23°C)	ISO 179	kJ/m ²	14	18
Thermal				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B	°C	255	–
1.80 MPa	ISO 75-2/A	°C	243	–
Flammability				
Flammability Classification	UL 94			
1.5 mm		–	HB	–
3.0 mm		–	HB	–