

Hylon® N1035STL

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

Nylon 66, 35% Glass Filled, Superior Toughness

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Features	High Toughness		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
shrinkage-Flow (3.18 mm)	0.30 - 0.50	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.40	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	130	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	6550	MPa	ISO 178
Flexural Stress	193	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	15	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	238	°C	ISO 75-2/A

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Recommended distributors for this material

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