

Hylon® N1035HHR

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

N1035HHR
Product Description
Nylon 66, 35% Glass Filled, Hydrolysis Resistant in Automotive Coolant

General Information				
Filler / Reinforcement		Glass Fiber,35% Filler by Weight		
Features		Hydrolysis Resistant		
RoHS Compliance		RoHS Compliant		
UL File Number		E157012		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.39	1.39	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.50	--	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.0	--	%	ISO 62
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (M-Scale)	104	--		ISO 2039-2
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	193	141	MPa	ISO 527-2
Tensile Strain (Break)	2.0	3.0	%	ISO 527-2
Flexural Modulus	9650	6550	MPa	ISO 178
Flexural Stress	276	200	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	9.0	10	kJ/m ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	246	--	°C	ISO 75-2/A

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