

Hylon® N1030HHR

Polyamide 66

Ravago Manufacturing Americas, LLC

Message:

Nylon 66, 30% Glass Filled, Hydrolysis Resistant in Automotive Coolant

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Hydrolysis resistance		
Uses	Application in Automobile Field		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
shrinkage-Flow (3.18 mm)	0.30 - 0.50	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.70	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	180	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	8620	MPa	ISO 178
Flexural Stress	262	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	243	°C	ISO 75-2/A

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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