

NYLOY® MG-0033N-V0 HG35N4

Polyamide
Nytex Composites Co., Ltd.

Message:

NYLOY® MG-0033N-V0 HG35N4 is a Polyamide material filled with 35% glass fiber. It is available in Asia Pacific or North America.
Important attributes of NYLOY® MG-0033N-V0 HG35N4 are:
Flame Rated
Flame Retardant
Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	High Heat Resistance		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.64	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.80	%	
Flow	0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	175	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	11500	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	270	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	350	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13

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