

NYLOY® XG-0033N-V0

Polyphthalamide
Nytex Composites Co., Ltd.

Message:

NYLOY®XG-0033N-V0 is a polyxylene amide (PPA) material, and its filler is 33% glass fiber reinforced material. This product is available in North America or Asia Pacific.

NYLOY®The main features of the XG-0033N-V0 are:

flame retardant/rated flame

Flame Retardant

Heat resistance

General Information			
UL YellowCard	E135714-102685904		
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Features	Heat resistance, high		
	Flame retardancy		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.64	g/cm ³	ISO 1183
Molding Shrinkage			ASTM D955
Flow	1.1	%	ASTM D955
Transverse flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	150	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	10500	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	226	J/m	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)	400 - 599	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.8 mm	V-0		UL 94
1.6 mm	V-0		UL 94
3.2 mm	V-0		UL 94
Glow Wire Flammability Index			IEC 60695-2-12
0.8 mm	960	°C	IEC 60695-2-12

1.6 mm	960	°C	IEC 60695-2-12
3.2 mm	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature			IEC 60695-2-13
0.8 mm	800	°C	IEC 60695-2-13
1.6 mm	800	°C	IEC 60695-2-13
3.2 mm	930	°C	IEC 60695-2-13

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Recommended distributors for this material

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