

NYLOY® UB-0010N-V G55N2N

Polyamide
Nytex Composites Co., Ltd.

Message:

NYLOY® UB-0010N-V G55N2N is a Polyamide material filled with 55% glass fiber. It is available in Asia Pacific or North America.

Important attributes of NYLOY® UB-0010N-V G55N2N are:

Flame Rated
Flame Retardant
Halogen Free
Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,55% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	High Heat Resistance		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.66	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.40	%	
Flow	0.25	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	170	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	15600	MPa	ISO 178
Flexural Stress	260	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	225	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.800 mm	V-0		
1.60 mm	V-0		

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