

NYLOY® UB-0010N C45N2B

Polyamide

Nytex Composites Co., Ltd.

Message:

NYLOY® UB-0010N C45N2B is a Polyamide material filled with 45% carbon fiber. It is available in Asia Pacific or North America. Primary attribute of NYLOY® UB-0010N C45N2B: Heat Resistant.

General Information			
Filler / Reinforcement	Carbon Fiber,45% Filler by Weight		
Features	High Heat Resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.43	%	
Flow	0.21	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	34000	MPa	ISO 527-2
Tensile Stress	240	MPa	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Flexural Modulus	23600	MPa	ISO 178
Flexural Stress	360	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.2	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	227	°C	ISO 75-2/A

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Recommended distributors for this material

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