

NYLOY® KF-0010N 6121W1

Polyamide 6

Nytex Composites Co., Ltd.

Message:

NYLOY®KF-0010N 6121W1 is a polyamide 6 (nylon 6) material. This product is available in North America or Asia Pacific. NYLOY®The main characteristics of KF-0010N 6121W1 are: flame retardant/rated flame.

General Information			
UL YellowCard	E135714-101365592		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.70	%	ASTM D955
Transverse flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.8	MPa	ASTM D638
Tensile Elongation (Break)	1.2	%	ASTM D638
Flexural Modulus	8340	MPa	ASTM D790
Flexural Strength	93.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	200	°C	ASTM D648
Thermal Conductivity			ASTM E1461
-- 1	1.0	W/m/K	ASTM E1461
-- 2	3.5	W/m/K	ASTM E1461
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.6 mm)	V-0		UL 94
NOTE			
1.	Through-plane		
2.	In-plane		

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Recommended distributors for this material

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