

NYLOY® KF-0010N 2140B

Polyamide
Nytex Composites Co., Ltd.

Message:
NYLOY® KF-0010N 2140B is a Polyamide material. It is available in Asia Pacific or North America. Primary attribute of NYLOY® KF-0010N 2140B: Flame Rated.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.20	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.45	%	
Across Flow	0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	49.0	MPa	ASTM D638
Tensile Elongation (Break)	0.70	%	ASTM D638
Flexural Modulus	12700	MPa	ASTM D790
Flexural Strength	88.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	195	°C	ASTM D648
Thermal Conductivity			ASTM E1461
-- ¹	3.1	W/m/K	
-- ²	12	W/m/K	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Additional Information	Nominal Value	Unit	
Breakdown Voltage	> 5000	V	
NOTE			
1.	Through-plane		
2.	In-plane		

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Recommended distributors for this material

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