

NYLOY® MG-0034N-V0 B14

Polyamide 66
Nytex Composites Co., Ltd.

Message:

NYLOY® MG-0034N-V0 B14 is a Polyamide 66 (Nylon 66) material filled with 34% glass fiber. It is available in Asia Pacific or North America for injection molding.

Important attributes of NYLOY® MG-0034N-V0 B14 are:

Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,34% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955, ISO 294-4
Flow	0.39	%	
Across Flow	1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	117		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	127	MPa	ASTM D638
--	123	MPa	ISO 527-2
Tensile Elongation (Break)	1.5	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	9210	MPa	ASTM D790
--	9200	MPa	ISO 178
Flexural Strength			
--	184	MPa	ASTM D790
--	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 3.18 mm)	68	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	230	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	V-0		UL 94

Injection	Nominal Value	Unit
Drying Temperature	110	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	270 to 300	°C
Mold Temperature	80.0	°C

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Recommended distributors for this material

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