

NYLOY® MG-0034N-V0

Polyamide 66
Nytex Composites Co., Ltd.

Message:

NYLOY® MG-0034N-V0 is a Polyamide 66 (Nylon 66) material filled with 30% glass fiber. It is available in Asia Pacific or North America for injection molding.
Important attributes of NYLOY® MG-0034N-V0 are:
Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955, ISO 294-4
Flow	0.33	%	
Across Flow	1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	150	MPa	ASTM D638
--	130	MPa	ISO 527-2
Tensile Elongation (Break)	1.5	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	9610	MPa	ASTM D790
--	9500	MPa	ISO 178
Flexural Strength			
--	219	MPa	ASTM D790
--	190	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.5	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 3.18 mm)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed	240	°C	ASTM D648
1.8 MPa, Unannealed	235	°C	ISO 75-2/A

Flammability	Nominal Value	Test Method
Flame Rating (3.20 mm)	V-0	UL 94
Injection	Nominal Value	Unit
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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