

NYLOY® MG-8030N-V 60BK1

Polyamide 66

Nytex Composites Co., Ltd.

Message:

NYLOY® MG-8030N-V 60BK1 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-8030N-V 60BK1 are:

Flame Rated

Flame Retardant

Halogen Free

General Information			
Filler / Reinforcement	Glass Fiber,34% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.24	g/cm ³	ASTM D792
--	1.43	g/cm ³	ISO 1183
Molding Shrinkage			ASTM D955, ISO 294-4
Flow	0.38	%	
Across Flow	1.1	%	
Ash Content	35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	127	MPa	ASTM D638
--	120	MPa	ISO 527-2
Tensile Elongation			
Break	1.3	%	ASTM D638
Break	1.8	%	ISO 527-2
Flexural Modulus			
--	9420	MPa	ASTM D790
--	9000	MPa	ISO 178
Flexural Strength			
--	181	MPa	ASTM D790
--	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA

Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed	235	°C	ASTM D648
1.8 MPa, Unannealed	230	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	> 2.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

