

Nymax™ NM6000-0001 RS IM Nat

Polyamide 6

PolyOne Corporation

Message:

Nymax® The mineral reinforced nylon 6 composite material of 600 series products has ideal physical properties, durability, and surface appearance has also been improved. These materials are easy to process in standard thermoplastic processing equipment.

General Information			
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	75.8	MPa	ASTM D638
Flexural Modulus ²	4120	MPa	ASTM D790
Flexural Strength ³	121	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	96	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	80 - 100	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	240 - 288	°C	
Middle Temperature	240 - 288	°C	
Front Temperature	240 - 288	°C	
Mold Temperature	70 - 90	°C	
Injection instructions			
Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW			
NOTE			
1.	51 mm/min		
2.	13 mm/min		
3.	13 mm/min		

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Recommended distributors for this material

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