

# Nymax™ 1010 A Natural

Polyamide 6

PolyOne Corporation

## Message:

The nylon 6 Nymax® Series polymers are specially developed to provide excellent performance in a variety of application fields. According to different grade requirements, these materials include a series of fillers, steel grade glass materials and impact modifiers, which are easier to process in most standard thermoplastic processing equipment.

General Information			
Additive	Impact modifier		
Features	Impact modification		
	General		
Uses	Industrial application		
	Architectural application field		
	Application in Automobile Field		
	General		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.0 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	49.6	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	50	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
-40°C, 3.18mm, injection molding	210	J/m	ASTM D256A
23°C, 3.18mm, injection molding	910	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	50.0	°C	ASTM D648
Additional Information			
模制试验条:模制时干燥			
NOTE			
1.	Type 1, 5.1 mm/min		

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#### Recommended distributors for this material

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