# Nymax<sup>™</sup> 1010 A Black 13

### 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	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	1.2	%	ASTM D955
Water Absorption (24 hr, 3.18 mm)	1.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	50.3	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	70	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	910	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	55.0	°C	ASTM D648
Melting Temperature	216	°C	ASTM D789
Additional Information			
模制时干燥			
NOTE			

1.	Type 1, 5.1 mm/min
2.	Type 1, 5.1 mm/min

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#### Recommended distributors for this material

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