

Nymax™ 1010 A HS 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 heat stabilizer		
Features	Impact modification Thermal Stability 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/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	50.3	MPa	ASTM D638
Tensile Elongation ² (Break)	45	%	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)	50.0	°C	ASTM D648
Additional Information			
模制试验条:模制时干燥			

NOTE

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|----|--------------------|
| 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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