

Nymax™ 1308 A HS Natural

Polyamide 66

PolyOne Corporation

Message:

Nymax® Series nylon 6/6 composite materials are specially developed for excellent performance in a wide range of applications. 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	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.6	%	ASTM D955
Water Absorption (24 hr, 3.18 mm)	1.2	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Fracture ¹	61.4	MPa	ASTM D638
Fracture ²	58.0	MPa	ISO 527
Tensile Elongation ³ (Break)	65	%	ASTM D638
Flexural Modulus			
--	2040	MPa	ISO 178
--	1930	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, 3.18mm, injection molding	180	J/m	ASTM D256A

--	15	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	65.0	°C	ASTM D648
Additional Information			
模制试验条:模制时干燥			
NOTE			
1.	Type 1, 5.1 mm/min		
2.	50 mm/min		
3.	Type 1, 5.1 mm/min		

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