

Nymax™ 1280 A HS Black 11 A

Polyamide 66

PolyOne Corporation

Message:

Nymax of nylon 6/6 material® 1200 blend series is "salt and pepper" pellet blend, including nylon resin, processing aid, performance modifier and color masterbatch.. According to different grade requirements, these materials have better melt processing, component properties and surface morphology, and are more economical substitutes for completely mixed products.

General Information	
Additive	heat stabilizer
Features	Lubrication
	General
Uses	Industrial application
	Architectural application field
	Application in Automobile Field
	General
	Consumer goods application field
Appearance	Black
Forms	Particle
Processing Method	Extrusion
	Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1 - 1.4	%	ASTM D955
Water Absorption (24 hr, 3.18 mm)	1.5	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength ¹			ASTM D638
Yield	75.8	MPa	ASTM D638
Fracture	77.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	20	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact - Across Flow (23°C, 3.18 mm, Injection Molded)	96	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	65.0	°C	ASTM D648
Melting Temperature	260	°C	ASTM D789
Additional Information			
Molded Test Bars: Dry as Molded			
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Mold Temperature	60.0 - 107	°C	
NOTE			
1.	Type 1, 5.1 mm/min		
2.	Type 1, 5.1 mm/min		

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