

# Nylene® 6240 HS

Polyamide 6

Custom Resins Group

## Message:

Mineral reinforced,heat-stabilized nylon 6 injection molding grade

Designed for maximum dimensional stability and high stiffness characteristics, while having a very good surface appearance

Suitable for such applications as housings, enclosures, stanchions, and engine covers

General Information			
Filler / Reinforcement	Mineral		
Additive	Heat Stabilizer		
Features	Good Dimensional Stability		
	Heat Stabilized		
	High Stiffness		
	Pleasing Surface Appearance		
Uses	Housings		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	89.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	10	%	ASTM D638
Flexural Modulus (23°C)	5520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	119	°C	ASTM D648
Peak Melting Temperature	216	°C	ASTM D3418

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## Recommended distributors for this material

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