

# Nylene® 6140 HS

Polyamide 66

Custom Resins Group

Message:

40% mineral reinforced, heat-stabilized nylon 6/6 injection molding grade  
Designed for maximum dimensional stability and high stiffness characteristics  
Suitable for such applications as housings, enclosures, stanchions, and engine covers

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Dimensional Stability		
	Heat Stabilized		
	High Stiffness		
Uses	Housings		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	6550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	199	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D3418

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## Recommended distributors for this material

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