

# Nylene® 7140 HS

Polyamide 66

Custom Resins Group

Message:

Nylon 6/6 Homopolymer resin with increased wear resistance and lubricity

Suitable for injection molding applications

Has the inherent strength, lubricity, and chemical resistance common to nylon 6/6 homopolymer materials while exhibiting lower friction and wear characteristics

General Information			
Features	Good Chemical Resistance		
	Good Strength		
	Good Wear Resistance		
	Homopolymer		
	Low Friction		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	20	%	ASTM D638
Flexural Modulus (23°C)	2860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Peak Melting Temperature	254	°C	ASTM D3418

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## Recommended distributors for this material

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