

Nylene® PX1719HS

Polyamide 6
Custom Resins Group

Message:

Nylene PX1719HS is a heat stabilized, high impact, nylon 6 extrusion grade resin with a low flexural modulus. PX1719HS is ideally suited for extrusion of tubing and profiles requiring outstanding toughness and flexibility. Because of its excellent flow characteristics, it may also be used for injection molding parts requiring a high Izod impact value. Optimum processing conditions should provide a melt temperature of 520 - 540°F at the die or nozzle.

General Information	
Additive	Heat Stabilizer
Features	Good Flexibility
	Good Flow
	Good Impact Resistance
	Good Toughness
	Heat Stabilized
Uses	Profiles
	Tubing
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	250	%	ASTM D638
Flexural Modulus (23°C)	655	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	141	°C	ASTM D648
Melting Temperature	218	°C	
Injection	Nominal Value	Unit	
Nozzle Temperature	271 to 282	°C	
Extrusion	Nominal Value	Unit	
Die Temperature	271 to 282	°C	

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Recommended distributors for this material

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