

Nylene® PX1719

Polyamide 6

Custom Resins Group

Message:

Highly impact modified nylon 6 resin. PX1719 has very low stiffness for a nylon type resin

Can be processed by either injection molding or extrusion

Suitable for clips, fasteners, and also tubing and profiles, or any other uses where high impact resistance and maximum flexibility are required

General Information	
Additive	Impact Modifier
Features	Good Flexibility
	High Impact Resistance
	Impact Modified
Uses	Fasteners
	Profiles
	Tubing
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (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
Peak Melting Temperature	216	°C	ASTM D3418

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Recommended distributors for this material

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