

## Nylene® PX1719 Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

**Material Notes:**

Dry as molded. Extrusion grade. 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. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nylene-PX1719-Nylon-6.php](http://www.lookpolymers.com/polymer_Nylene-PX1719-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Flexural Modulus	0.660 GPa	95.7 ksi	ASTM D790
Izod Impact, Notched	8.30 J/cm	15.5 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	141 °C	286 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	275 °C	527 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China