

## Ashley Polymers Ashlene® 727 Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

A modified nylon for applications requiring flexibility.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-727-Nylon-6.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-727-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	ATSM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Modulus	0.970 GPa	141 ksi	ASTM D790
Izod Impact, Notched	1.82 J/cm	3.41 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	231 °C	448 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	43.0 °C	109 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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