

## Ashley Polymers Ashlene® 827LD Nylon 6

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

**Material Notes:**

A very high impact nylon resin for injection molding applications. Outstanding low temperature properties. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-827LD-Nylon-6.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-827LD-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.5 %	1.5 %	ASTM D570
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.0 MPa	5950 psi	ASTM D638
Elongation at Break	85 %	85 %	ASTM D638
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	9.10 J/cm	17.0 ft-lb/in	ASTM D256
	2.10 J/cm	3.93 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	421 °F	ASTM D3418

## Contact Songhan Plastic Technology Co.,Ltd.

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