

## Ashley Polymers Ashlene® D930H Nylon 12

Category : Polymer , Thermoplastic , Nylon , Nylon 12

**Material Notes:**

A plasticized Nylon 12 offering improved flexibility with superior moisture and chemical resistance. Also UV and heat stabilized, available in natural and precolored. Any color other than natural may cause a slight change of properties. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-D930H-Nylon-12.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-D930H-Nylon-12.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hrs; ASTM D570
Water Absorption at Saturation	1.1 %	1.1 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.0 MPa	6670 psi	ASTM D638
Elongation at Break	260 %	260 %	ASTM D638
Flexural Modulus	0.380 GPa	55.1 ksi	ASTM D790
Izod Impact, Notched	2.51 J/cm	4.70 ft-lb/in	ASTM D256
	0.210 J/cm @Temperature -40.0 °C	0.393 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	184 °C	363 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	52.0 °C	126 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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