

## Ashley Polymers Ashlene® R6041 Nylon 66, PTFE and Silicone Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, PTFE Filled

**Material Notes:**

Nylon 66 PTFE and Silicone modified for excellent wear characteristics and low friction.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-R6041-Nylon-66-PTFE-and-Silicone-Modified.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-R6041-Nylon-66-PTFE-and-Silicone-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.80 %	0.80 %	ASTM D570
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D638
Elongation at Break	9.0 %	9.0 %	ASTM D638
Flexural Modulus	2.20 GPa	319 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	102 °C	216 °F	ASTM D648

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

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