

## Ashley Polymers Ashlene® R6043 Nylon 6

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

**Material Notes:**

Medium viscosity extrusion grade Nylon 6 resin with excellent melt stability, good melt strength: suitable for extrusion coating and film co-extrusion applications. Excellent grease resistance, toughness, resistance to abrasion; doesn't absorb food odors Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-R6043-Nylon-6.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-R6043-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.650 g/cc	0.0235 lb/in <sup>3</sup>	ASTM D1895

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	82.8 MPa	12000 psi	ATSM D638
Tensile Strength, Yield	82.8 MPa	12000 psi	ASTM D638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM D3418

Processing Properties	Metric	English	Comments
Processing Temperature	249 - 260 °C	480 - 500 °F	at die

## 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