

## Ashley Polymers Ashlene® 630-33GU Nylon 6, 33% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

**Material Notes:**

Nylon 6, 33% glass reinforced resin, utility grade. Also available: 630S - 33GU Heat Stabilized, 630 - 33GBU Black, 630S - 33GBU Black with H.S.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-630-33GU-Nylon-6-33-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-630-33GU-Nylon-6-33-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.1 %	1.1 %	24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Ultimate	131 MPa	19000 psi	ATSM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Modulus	7.20 GPa	1040 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.89 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	421 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	213 °C	415 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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