

## Ashley Polymers Ashlene® ABS Resin R2018, 18% Glass Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 20% Glass Fiber Filled

### Material Notes:

General purpose, 18% glass reinforced ABS resin.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-ABS-Resin-R2018-18-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-ABS-Resin-R2018-18-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.18 %	0.18 %	ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Ultimate	79.0 MPa	11500 psi	ATSM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	5.20 GPa	754 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	102 °C	216 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	143 °C	289 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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