

## Ashley Polymers Ashlene® 990L-30G Nylon 610, 30% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 610 , Nylon 610, Glass Reinforced

### Material Notes:

30% glass reinforced for excellent dimensional stability and low water absorption.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-990L-30G-Nylon-610-30-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-990L-30G-Nylon-610-30-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570
Linear Mold Shrinkage	0.0035 cm/cm	0.0035 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	131 MPa	19000 psi	ATSM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	200 MPa	29000 psi	ASTM D790
Flexural Modulus	6.60 GPa	957 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	216 °C	421 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Electrical Resistivity	460 ohm-cm	460 ohm-cm	ASTM D257

## Contact Songhan Plastic Technology Co.,Ltd.

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