

## Ashley Polymers Ashlene® 827L-25G Nylon 6, 25% Glass Reinforced

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

### Material Notes:

A 25% glass reinforced high impact Nylon 6 designed for applications requiring a high level of toughness, as well as superior low temperature properties. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-827L-25G-Nylon-6-25-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-827L-25G-Nylon-6-25-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	125 MPa	18100 psi	ATSM D638
Flexural Modulus	5.30 GPa	769 ksi	ASTM D790
Izod Impact, Notched	1.66 J/cm	3.11 ft-lb/in	ASTM D256
	1.13 J/cm	2.12 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	

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

## Contact Songhan Plastic Technology Co.,Ltd.

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