

Ashley Polymers Ashlene® 528L-25G Nylon 66, 25% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

General purpose glass reinforced Nylon 66, designed for parts requiring excellent thermal and dimensional stability and higher strength than conventional resins.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-528L-25G-Nylon-66-25-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in³	ASTM D792
Water Absorption	1.1 %	1.1 %	24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	166 MPa	24100 psi	ATSM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Modulus	7.60 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	251 °C	484 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	246 °C	475 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	246 °C	475 °F	ASTM D648

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