

Ashley Polymers Ashlene® 528L-30LG Nylon 66, 30% Long Glass Fiber Reinforced

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

Material Notes:

Long glass fiber reinforced Nylon 66 designed for parts requiring excellent thermal and dimensional stability and higher strength than available with conventional glass reinforced resins.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-528L-30LG-Nylon-66-30-Long-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Water Absorption	0.90 %	0.90 %	
Linear Mold Shrinkage	0.0025 cm/cm	0.0025 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	97	97	ASTM D785
Tensile Strength, Yield	191 MPa	27700 psi	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Strength	242 MPa	35100 psi	ASTM D790
Flexural Modulus	8.70 GPa	1260 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	252 °C	486 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	251 °C	484 °F	ASTM D648

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