

Ashley Polymers Ashlene® 527-43G Nylon 66, 43% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

A 43% glass reinforced impact modified Nylon 66.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-527-43G-Nylon-66-43-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	103 MPa	14900 psi	ATSM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Modulus	5.50 GPa	798 ksi	ASTM D790
Izod Impact, Notched	1.76 J/cm	3.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	252 °C	486 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	251 °C	484 °F	ASTM D648

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