

Ashley Polymers Ashlene® 527LD-33G Nylon 66, High Impact, 33% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Reinforced, Impact Grade

Material Notes:

A high impact reinforced Nylon 66 with good low temperature properties.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-527LD-33G-Nylon-66-High-Impact-33-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	135 MPa	19600 psi	ATSM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Modulus	6.40 GPa	928 ksi	ASTM D790
Izod Impact, Notched	1.82 J/cm	3.41 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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