

Ashley Polymers Ashlene® 742L-33G Nylon 6/66, 33% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6 , 30% Glass Fiber Reinforced

Material Notes:

6/66 Copolymer with high surface gloss in addition to high stiffness and strength, 33% Glass Reinforced. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-742L-33G-Nylon-666-33-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Water Absorption	1.8 %	1.8 %	ASTM D570
Water Absorption at Saturation	6.5 %	6.5 %	ASTM D570
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	162 MPa	23500 psi	ASTM D638
Elongation at Break	4.5 %	4.5 %	
Flexural Modulus	6.90 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	1.50 J/cm	2.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	200 °C	392 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	177 °C	351 °F	ASTM D648

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