

Ashley Polymers Ashlene® 62M Nylon 66, 40% Mineral reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Mineral Filled

Material Notes:

A 40% mineral reinforced Nylon 66 resin modified for reduced shrinkage.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-62M-Nylon-66-40-Mineral-reinforced.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM D792
Water Absorption	0.070 %	0.070 %	ASTM D570
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength, Ultimate	83.0 MPa	12000 psi	ATSM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	5.40 GPa	783 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	257 °C	495 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	121 °C	250 °F	ASTM D648

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