

Ashley Polymers Ashlene® 264-15 PPO, 15% Glass Reinforced

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, 20% Glass Filled

Material Notes:

A general purpose, 15% glass reinforced PPO resin for injection molding applications.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-264-15-PPO-15-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in³	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	69.0 MPa	10000 psi	ATSM D638
Elongation at Break	5.1 %	5.1 %	ASTM D638
Flexural Modulus	3.20 GPa	464 ksi	ASTM D790
Izod Impact, Notched	0.590 J/cm	1.11 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	134 °C	273 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	122 °C	252 °F	ASTM D648

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