

Ashley Polymers Ashlene® 265 PPO, 20% Glass Reinforced

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

Material Notes:

A general purpose, 20% 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-265-PPO-20-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in³	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	82.0 MPa	11900 psi	ATSM D638
Elongation at Break	4.3 %	4.3 %	ASTM D638
Flexural Modulus	4.90 GPa	711 ksi	ASTM D790
Izod Impact, Notched	0.920 J/cm	1.72 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)	128 °C	262 °F	ASTM D648

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