

Ashley Polymers Ashlene® P265 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 requiring structural strength, dimensional stability and good heat resistance. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-P265-PPO-20-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	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	95.0 MPa	13800 psi	ATSM D638
Flexural Modulus	4.90 GPa	711 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	144 °C	291 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	142 °C	288 °F	ASTM D648

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