Ashley Polymers Ashlene® PPO Resin P257

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Molded

Material Notes:

A high flow grade for applications requiring high impact strength, heat resistance and dimensional stability.Data provided by the manufacturer

Order this product through the following link:
http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-PPO-Resin-P257.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in³	ASTM D792
Water Absorption	0.10 %	0.10 %	ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.0 MPa	7250 psi	ATSM D638
Elongation at Yield	45 %	45 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	ASTM D648

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