

Ashley Polymers Ashlene® P292 PPO

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Impact Grade

Material Notes:

Extrusion grade, highest heat deflection temperature and good impact strength.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-P292-PPO.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	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	67.0 MPa	9720 psi	ATSM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	2.55 J/cm	4.78 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	157 °C	315 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648

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