

Ashley Polymers Ashlene® P254WO PPO

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

Material Notes:

A general purpose V-0 rated resin with high impact strength.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-P254WO-PPO.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Water Absorption	0.070 %	0.070 %	ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Ultimate	51.0 MPa	7400 psi	ATSM D638
Flexural Modulus	2.50 GPa	363 ksi	ASTM D790
Izod Impact, Notched	2.56 J/cm	4.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	96.0 °C	205 °F	ASTM D648
Flammability, UL94	V-1	V-1	V-1 1.5mm. V-0, 6.1mm; UL94

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