

Ashley Polymers Ashlene® P258 PPO

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

Material Notes:

A high flow grade for applications requiring good impact strength and a high heat deflection temperature.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-P258-PPO.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955
Melt Flow	1.06 g/10 min @Load 3.80 kg, Temperature 235 °C	1.06 g/10 min @Load 8.38 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	ATSM D638
Elongation at Break	42 %	42 %	ASTM D638
Flexural Modulus	2.70 GPa	392 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	181 °C	358 °F	ASTM D3418

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