

Ashley Polymers Ashlene® R190B Acetal

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

General purpose reprocessed copolymer, excellent toughness, strength, stiffness and lubricity. Black. Available in UV stabilized grades: R190-B2 (good weatherability); R190-H2B (maximum weatherability).Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-R190B-Acetal.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.022 cm/cm	0.022 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.018 cm/cm	0.018 in/in	ASTM D955
Melt Flow	8.0 - 10 g/10 min	8.0 - 10 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	ASTM D638
Elongation at Break	18 %	18 %	ASTM D638
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	ASTM D648

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