

Ashley Polymers Ashlene® R190TB Acetal

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Impact modified reprocessed copolymer, excellent toughness, strength, stiffness and lubricity. Black.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-R190TB-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, Ultimate	50.0 MPa	7250 psi	ATSM D638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 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)	99.0 °C	210 °F	ASTM D648

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