

Ashley Polymers Ashlene® RH180 Acetal

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, Unreinforced

Material Notes:

Extrusion grade reprocessed homopolymer, excellent toughness, strength, stiffness and lubricity. Available in Natural and Black. Natural is designated RH180; Black is designated RH180B. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-RH180-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	2.5 - 3.0 g/10 min	2.5 - 3.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	63.0 MPa	9140 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	2.70 GPa	392 ksi	ASTM D790
Izod Impact, Notched	0.590 J/cm	1.11 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	175 °C	347 °F	ASTM D3418

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