

## Ashley Polymers Ashlene® RH190-20PF Acetal, PTFE Filled

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, PTFE-Filled

**Material Notes:**

A 20% PTFE filled Acetal for outstanding wear characteristics and low friction.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-RH190-20PF-Acetal-PTFE-Filled.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-RH190-20PF-Acetal-PTFE-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.18 %	0.18 %	ASTM D570
Melt Flow	6.0 g/10 min	6.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	48.0 MPa	6960 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	0.270 J/cm	0.506 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	166 °C	331 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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