

## Ashley Polymers Ashlene® 1503WO BK Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, UV Stabilized

### Material Notes:

A rigid flame retardant polycarbonate, UV stabilized in black for applications requiring superior dimensional stability and overall toughness. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-1503WO-BK-Polycarbonate.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-1503WO-BK-Polycarbonate.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.30 %	0.30 %	ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	124	124	ASTM D785
Tensile Strength, Ultimate	64.0 MPa	9280 psi	ATSM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	3.30 GPa	479 ksi	ASTM D790
Izod Impact, Notched	0.990 J/cm	1.85 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	141 °C	286 °F	ASTM D648
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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