

Ashley Polymers Ashlene® 1513 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-1513-Polycarbonate.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in³	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
Tensile Strength, Ultimate	59.0 MPa	8560 psi	ATSM D638
Elongation at Break	11.5 %	11.5 %	ASTM D638
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	1.34 J/cm	2.51 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-1	V-1	UL94
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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