

## Ashley Polymers Ashlene® PC/ABS Alloy 306

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

### Material Notes:

General purpose with high impact, good low temperature properties and high heat resistance. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-PCABS-Alloy-306.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-PCABS-Alloy-306.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955
High Load Melt Index	6.0 g/10 min @Load 21.6 kg, Temperature 260 °C	6.0 g/10 min @Load 47.6 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Ultimate	56.0 MPa	8120 psi	ATSM D638
Elongation at Break	85 %	85 %	ASTM D638
Flexural Strength	88.0 MPa	12800 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	6.84 J/cm	12.8 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	105 °C	221 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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