

## Ashley Polymers Ashlene® PC/ABS Alloy 304

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

### Material Notes:

General purpose high gloss 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-304.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-PCABS-Alloy-304.php)

| Physical Properties   | Metric                                               | English                                              | Comments  |
|-----------------------|------------------------------------------------------|------------------------------------------------------|-----------|
| Density               | 1.11 g/cc                                            | 0.0401 lb/in³                                        | ASTM D792 |
| Linear Mold Shrinkage | 0.0050 cm/cm                                         | 0.0050 in/in                                         | ASTM D955 |
| High Load Melt Index  | 6.5 g/10 min<br>@Load 21.6 kg,<br>Temperature 260 °C | 6.5 g/10 min<br>@Load 47.6 lb,<br>Temperature 500 °F |           |

| Mechanical Properties      | Metric    | English       | Comments  |
|----------------------------|-----------|---------------|-----------|
| Hardness, Rockwell R       | 113       | 113           | ASTM D785 |
| Tensile Strength, Ultimate | 54.0 MPa  | 7830 psi      | ATSM D638 |
| Elongation at Break        | 60 %      | 60 %          | ASTM D638 |
| Flexural Strength          | 83.0 MPa  | 12000 psi     | ASTM D790 |
| Flexural Modulus           | 2.10 GPa  | 305 ksi       | ASTM D790 |
| Izod Impact, Notched       | 4.80 J/cm | 8.99 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 90.0 °C | 194 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China