

## Ashley Polymers Ashlene® 526 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

### Material Notes:

High impact Nylon 66 with good stiffness and good low temperature properties for injection molding. Values shown are for Natural. Colors may change some properties. Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-526-Nylon-66.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-526-Nylon-66.php)

| Physical Properties   | Metric      | English                   | Comments  |
|-----------------------|-------------|---------------------------|-----------|
| Density               | 1.11 g/cc   | 0.0401 lb/in <sup>3</sup> | ASTM D792 |
| Linear Mold Shrinkage | 0.014 cm/cm | 0.014 in/in               | ASTM D955 |

| Mechanical Properties      | Metric    | English       | Comments  |
|----------------------------|-----------|---------------|-----------|
| Hardness, Rockwell R       | 116       | 116           | ASTM D785 |
| Tensile Strength, Ultimate | 68.0 MPa  | 9860 psi      | ATSM D638 |
| Elongation at Break        | 40 %      | 40 %          | ASTM D638 |
| Flexural Modulus           | 2.30 GPa  | 334 ksi       | ASTM D790 |
| Izod Impact, Notched       | 1.92 J/cm | 3.60 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments   |
|--------------------|--------|---------|------------|
| Melting Point      | 254 °C | 489 °F  | ASTM D3418 |

## Contact Songhan Plastic Technology Co.,Ltd.

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