

## LyondellBasell Sequel® 1718 Engineered Polyolefin

Category : Polymer , Thermoplastic

### Material Notes:

Data provided by Solvay Engineered Polymers. An engineered polyolefin designed for exterior painted automotive applications requiring dimensional stability over a broad temperature range. This material exhibits excellent low-temperature processability and properties. Uses: Bumper side claddings, rockers, and other components requiring close dimensional tolerances. LyondellBasell acquired Solvay Engineered Polymers in 2008.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Sequel-1718-Engineered-Polyolefin.php](http://www.lookpolymers.com/polymer_LyondellBasell-Sequel-1718-Engineered-Polyolefin.php)

| Physical Properties   | Metric       | English                   | Comments    |
|-----------------------|--------------|---------------------------|-------------|
| Density               | 1.05 g/cc    | 0.0379 lb/in <sup>3</sup> | ASTM D792   |
| Linear Mold Shrinkage | 0.0065 cm/cm | 0.0065 in/in              | ASTM D955   |
| Melt Flow             | 10 g/10 min  | 10 g/10 min               | ASTM D1238L |

| Mechanical Properties      | Metric   | English  | Comments                         |
|----------------------------|----------|----------|----------------------------------|
| Hardness, Shore D          | 62       | 62       | ASTM D2240                       |
| Tensile Strength, Ultimate | 14.0 MPa | 2030 psi | IV, 2 in/min; ASTM D638          |
| Flexural Modulus           | 1.38 GPa | 200 ksi  | I.B., TAN, 0.5 in/min; ASTM D790 |

| Thermal Properties | Metric               | English              | Comments            |
|--------------------|----------------------|----------------------|---------------------|
| CTE, linear        | 40.0 µm/m-°C         | 22.2 µin/in-°F       | Modified; ASTM D696 |
|                    | @Temperature 20.0 °C | @Temperature 68.0 °F |                     |

## 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