

## SABIC Innovative Plastics LNP THERMOCOMP RF006LXP PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* THERMOCOMP\* RF006LXP is a compound based on Nylon 66 resin containing 30% Glass Fiber. Added features of this material include: Low Extractible.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF006LXP-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF006LXP-PA-66.php)

| Physical Properties         | Metric                          | English                         | Comments  |
|-----------------------------|---------------------------------|---------------------------------|-----------|
| Density                     | 1.59 g/cc                       | 0.0574 lb/in <sup>3</sup>       | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0040 cm/cm<br>@Time 86400 sec | 0.0040 in/in<br>@Time 24.0 hour | ASTM D955 |

| Mechanical Properties     | Metric     | English       | Comments             |
|---------------------------|------------|---------------|----------------------|
| Tensile Strength at Break | 157 MPa    | 22800 psi     | ASTM D638            |
| Elongation at Break       | 2.4 %      | 2.4 %         | ASTM D638            |
| Tensile Modulus           | 10.54 GPa  | 1529 ksi      | 50 mm/min; ASTM D638 |
| Flexural Strength         | 220 MPa    | 31900 psi     | ASTM D790            |
| Flexural Modulus          | 8.73 GPa   | 1270 ksi      | ASTM D790            |
| Izod Impact, Notched      | 0.800 J/cm | 1.50 ft-lb/in | ASTM D256            |
| Izod Impact, Unnotched    | 7.52 J/cm  | 14.1 ft-lb/in | ASTM D4812           |

| Thermal Properties                          | Metric                        | English                        | Comments              |
|---------------------------------------------|-------------------------------|--------------------------------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 246 Â°C<br>@Thickness 3.20 mm | 475 Â°F<br>@Thickness 0.126 in | unannealed; 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