

## SABIC Innovative Plastics LNP THERMOCOMP RFB53XXZ PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

LNP\* Thermocomp\* RFB53XXZ is a compound based on Nylon 66 resin containing Glass Fiber, Milled Glass.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RFB53XXZ-PA-66-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RFB53XXZ-PA-66-Asia-Pacific.php)

| Physical Properties | Metric    | English                   | Comments  |
|---------------------|-----------|---------------------------|-----------|
| Density             | 1.46 g/cc | 0.0527 lb/in <sup>3</sup> | ASTM D792 |

| Mechanical Properties     | Metric     | English        | Comments             |
|---------------------------|------------|----------------|----------------------|
| Tensile Strength at Break | 108 MPa    | 15700 psi      | ASTM D638            |
| Elongation at Break       | 2.7 %      | 2.7 %          | ASTM D638            |
| Tensile Modulus           | 7.74 GPa   | 1120 ksi       | 50 mm/min; ASTM D638 |
| Flexural Strength         | 186 MPa    | 27000 psi      | ASTM D790            |
| Flexural Modulus          | 6.99 GPa   | 1010 ksi       | ASTM D790            |
| Izod Impact, Notched      | 0.260 J/cm | 0.487 ft-lb/in | ASTM D256            |
| Izod Impact, Unnotched    | 4.41 J/cm  | 8.26 ft-lb/in  | ASTM D4812           |

| Thermal Properties                          | Metric                        | English                        | Comments              |
|---------------------------------------------|-------------------------------|--------------------------------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 225 Â°C<br>@Thickness 3.20 mm | 437 Â°F<br>@Thickness 0.126 in | unannealed; ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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