

## SABIC Innovative Plastics LNP VERTON RX89047 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

LNP\* Verton\* RX89047 is a compound based on Nylon 66 resin.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-VERTON-RX89047-PA-66-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RX89047-PA-66-Asia-Pacific.php)

| Physical Properties | Metric    | English                   | Comments  |
|---------------------|-----------|---------------------------|-----------|
| Density             | 1.41 g/cc | 0.0509 lb/in <sup>3</sup> | ISO 1183  |
|                     | 1.42 g/cc | 0.0513 lb/in <sup>3</sup> | ASTM D792 |

| Mechanical Properties      | Metric                 | English                    | Comments             |
|----------------------------|------------------------|----------------------------|----------------------|
| Tensile Strength at Break  | 198 MPa                | 28700 psi                  | ISO 527              |
|                            | 202 MPa                | 29300 psi                  | ASTM D638            |
| Elongation at Break        | 2.3 %                  | 2.3 %                      | ASTM D638            |
|                            | 198 %                  | 198 %                      | ISO 527              |
| Tensile Modulus            | 11.37 GPa              | 1649 ksi                   | 50 mm/min; ASTM D638 |
| Flexural Strength          | 317 MPa                | 46000 psi                  | ASTM D790            |
| Flexural Modulus           | 9.50 GPa               | 1380 ksi                   | ISO 178              |
|                            | 9.65 GPa               | 1400 ksi                   | ASTM D790            |
| Izod Impact, Notched       | 3.57 J/cm              | 6.69 ft-lb/in              | ASTM D256            |
| Izod Impact, Unnotched     | 10.14 J/cm             | 19.00 ft-lb/in             | ASTM D4812           |
| Izod Impact, Notched (ISO) | 24.0 kJ/m <sup>2</sup> | 11.4 ft-lb/in <sup>2</sup> | 80*10*4; ISO 180/1A  |

| Thermal Properties                          | Metric                        | English                        | Comments                         |
|---------------------------------------------|-------------------------------|--------------------------------|----------------------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 251 Â°C                       | 484 Â°F                        | Flatw 80*10*4 sp=64mm; ISO 75/Af |
|                                             | 253 Â°C<br>@Thickness 3.20 mm | 487 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