

## SABIC Innovative Plastics LNP LUBRICOMP UFL36SXP PPA (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

**Material Notes:**

LNP\* LUBRICOMP\* UFL36SXP is a compound based on Polyphthalamide resin containing Glass Fiber, PTFE. Added features include:  
Internally Lubricated, Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-UFL36SXP-PPA-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-UFL36SXP-PPA-Europe-Africa-Middle-East.php)

| Physical Properties         | Metric                | English                   | Comments     |
|-----------------------------|-----------------------|---------------------------|--------------|
| Density                     | 1.53 g/cc             | 0.0553 lb/in <sup>3</sup> | ISO 1183     |
| Linear Mold Shrinkage, Flow | 0.0010 - 0.0030 cm/cm | 0.0010 - 0.0030 in/in     | SABIC Method |

| Mechanical Properties        | Metric                 | English                    | Comments            |
|------------------------------|------------------------|----------------------------|---------------------|
| Tensile Strength, Yield      | 187 MPa                | 27100 psi                  | 5 mm/min; ISO 527   |
| Elongation at Break          | 2.1 %                  | 2.1 %                      | 5 mm/min; ISO 527   |
| Tensile Modulus              | 10.4 GPa               | 1510 ksi                   | 1 mm/min; ISO 527   |
| Flexural Yield Strength      | 239 MPa                | 34700 psi                  | 2 mm/min; ISO 178   |
| Flexural Modulus             | 8.90 GPa               | 1290 ksi                   | 2 mm/min; ISO 178   |
| Izod Impact, Notched (ISO)   | 9.00 kJ/m <sup>2</sup> | 4.28 ft-lb/in <sup>2</sup> | 80*10*4; ISO 180/1A |
| Izod Impact, Unnotched (ISO) | 40.0 kJ/m <sup>2</sup> | 19.0 ft-lb/in <sup>2</sup> | 80*10*4; ISO 180/1U |

| Thermal Properties                          | Metric | English | Comments                         |
|---------------------------------------------|--------|---------|----------------------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 250 °C | 482 °F  | Flatw 80*10*4 sp=64mm; ISO 75/af |

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