

## SABIC Innovative Plastics LNP Lubricomp UCL24S PPA (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

**Material Notes:**

LNP\* Lubricomp\* UCL24S is a compound based on Polyphthalamide resin containing PTFE, Carbon Fiber. Added features of this material include: Internally Lubricated, Heat Stabilized, Electrically Conductive. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubricomp-UCL24S-PPA-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-UCL24S-PPA-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	162 MPa	23500 psi	ASTM D 638
Elongation at Break	1.7 %	1.7 %	ASTM D 638
Flexural Strength	248 MPa	36000 psi	ASTM D 790
Flexural Modulus	12.97 GPa	1881 ksi	ASTM D 790
Izod Impact, Notched	0.420 J/cm @Temperature 23.0 Â°C	0.787 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	3.49 J/cm @Temperature 23.0 Â°C	6.54 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	248 Â°C @Thickness 3.20 mm	478 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

### Contact Songhan Plastic Technology Co.,Ltd.

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