

SABIC Innovative Plastics LNP LUBRICOMP UAL23AS PPA (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

LNP* LUBRICOMP* UAL23AS is a compound based on Polyphthalamide resin containing Aramide 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-UAL23AS-PPA-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	78.0 MPa	11300 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Tensile Modulus	4.10 GPa	595 ksi	1 mm/min; ISO 527
Flexural Yield Strength	130 MPa	18900 psi	2 mm/min; ISO 178
Flexural Modulus	3.80 GPa	551 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	235 °C	455 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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