

SABIC Innovative Plastics LNP LUBRICOMP UCL16AS PPA (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

Internally lubricated Polyphthalamide compound, containing Carbon Fiber and PTFE. Added features include Heat Stabilized

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-UCL16AS-PPA-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	272 MPa	39500 psi	5 mm/min; ISO 527
Elongation at Break	1.4 %	1.4 %	5 mm/min; ISO 527
Tensile Modulus	21.8 GPa	3160 ksi	1 mm/min; ISO 527
Flexural Yield Strength	373 MPa	54100 psi	2 mm/min; ISO 178
Flexural Modulus	19.0 GPa	2760 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	40.0 kJ/m ²	19.0 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	7.00 Åµm/m-Å°C	3.89 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	46.0 Åµm/m-Å°C	25.6 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	

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