

SABIC Innovative Plastics LNP LUBRICOMP JFL24 PES (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

LNP* Lubricomp* JFL24 is a compound based on Polyethersulfone resin containing Glass Fiber, PTFE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-JFL24-PES-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	94.0 MPa	13600 psi	5 mm/min; ISO 527
Elongation at Break	1.0 %	1.0 %	5 mm/min; ISO 527
Flexural Strength	140 MPa	20300 psi	2 mm/min; ISO 178
Flexural Modulus	5.50 GPa	798 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	27.0 Åµm/m-Å°C	15.0 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	51.0 Åµm/m-Å°C	28.3 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	218 Å°C	424 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	211 Å°C	412 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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