

# LNP™ LUBRICOMP™ LX91475 compound

Polyetheretherketone

SABIC Innovative Plastics

## Message:

LNP LUBRICOMP LX91475 is a compound based on Polyetheretherketone resin containing Bearing Grade. Added features of this material include: Easy Molding.

Also known as: LNP\* LUBRICOMP\* Compound LTW

Product reorder name: LX91475

General Information			
Features	Good formability		
Uses	Bearing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	11000	MPa	ASTM D638
Tensile Strength (Break)	140	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	10300	MPa	ASTM D790
Flexural Strength	207	MPa	ASTM D790
Coefficient of Friction			ASTM D3702 Modified
With self-dynamics	0.36		ASTM D3702 Modified
With Self-Static	0.23		ASTM D3702 Modified
Wear Factor - Washer	12.0	10 <sup>-10</sup> in <sup>5</sup> -min/ft-lb-hr	ASTM D3702 Modified
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C)	480	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	290	°C	ASTM D648
NOTE			
1.	50 mm/min		

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## Recommended distributors for this material

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