

LNP™ LUBRICOMP™ OL009 compound

Linear Polyphenylene Sulfide

SABIC Innovative Plastics

Message:

LNP LUBRICOMP OL009 is a compound based on PPS - Linear resin containing PTFE. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound 189

Product reorder name: OL009

General Information			
Additive	PTFE lubricant		
Features	Lubrication		
	Linear polymer structure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.61	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2650	MPa	ASTM D638
Tensile Strength (Break)	37.9	MPa	ASTM D638
Tensile Elongation (Break)	3.1	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Coefficient of Friction			ASTM D1894
With steel-dynamic	0.23		ASTM D1894
With steel-static	0.14		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	136	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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