

LNP™ LUBRICOMP™ OL009 compound

Linear Polyphenylene Sulfide

SABIC Innovative Plastics

Message:

LNP LUBRICOMP* OL009 is a compound based on PPS - Linear resin containing 45% PTFE. Added features of this material include: Wear Resistant.
Also known as: LNP* LUBRICOMP* Compound 189
Product reorder name: OL009

General Information			
Additive	PTFE Lubricant (45%)		
Features	Linear Polymer Structure		
	Lubricated		
Processing Method	Injection Molding		
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
vs. Steel - Dynamic	0.23		
vs. Steel - Static	0.14		
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
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Rear Temperature	304 to 316	°C	
Middle Temperature	321 to 332	°C	
Front Temperature	332 to 343	°C	
Processing (Melt) Temp	316 to 321	°C	
Mold Temperature	138 to 166	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			

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Recommended distributors for this material

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