

LNP™ LUBRICOMP™ GL003XXP compound

Polysulfone
SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP GL003XXP is a compound based on Polysulfone resin containing PTFE. Added features include; Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound GL4030

Product reorder name: GL003XXP

General Information			
Additive	PTFE Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.50 to 0.80	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2/1
Tensile Stress (Yield)	60.0	MPa	ISO 527-2/5
Tensile Strain (Break)	6.0 to 7.0	%	ISO 527-2/5
Flexural Modulus ¹	2400	MPa	ISO 178
Flexural Stress	77.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	7.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	70	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	180	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	327 to 338	°C	
Middle Temperature	338 to 349	°C	
Front Temperature	349 to 360	°C	
Processing (Melt) Temp	360 to 371	°C	
Mold Temperature	149	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	2.0 mm/min		

2.	80*10*4
3.	80*10*4
4.	80*10*4 mm

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Recommended distributors for this material

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