

LNP™ LUBRICOMP™ GL003 compound

Polysulfone
SABIC Innovative Plastics

Message:

LNP LUBRICOMP GL003 is a compound based on Polysulfone resin containing PTFE. Added features include; Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound GL4030

Product reorder name: GL003

General Information			
Additive	PTFE lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.50 - 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 - 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 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
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	V-1		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121 - 149	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	327 - 338	°C	
Middle Temperature	338 - 349	°C	
Front Temperature	349 - 360	°C	
Processing (Melt) Temp	360 - 371	°C	
Mold Temperature	149	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 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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