

LNP™ LUBRICOMP™ OL004 compound

Linear Polyphenylene Sulfide

SABIC Innovative Plastics

Message:

LNP LUBRICOMP OL004 is a compound based on PPS - Linear resin containing PTFE.
Also known as: LNP* LUBRICOMP* Compound OL-4040-L
Product reorder name: OL004

General Information			
UL YellowCard	E45329-101284432		
Additive	PTFE lubricant		
Features	Lubrication		
	Linear polymer structure		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2/1
Tensile Stress (Break)	59.0	MPa	ISO 527-2/5
Tensile Strain (Break)	3.4	%	ISO 527-2/5
Flexural Modulus ¹	3000	MPa	ISO 178
Flexural Stress	106	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	20	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	106	°C	ISO 75-2/Af
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	5.2E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	5.3E-5	cm/cm/°C	ISO 11359-2
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		
4.	80*10*4 mm		

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