

LNP™ LUBRICOMP™ KL002 compound

Acetal (POM) Copolymer

SABIC Innovative Plastics

Message:

LNP LUBRICOMP KL002 is a compound based on Acetal Copolymer resin containing PTFE.

Also known as: LNP* LUBRICOMP* Compound KL-4020

Product reorder name: KL002

General Information			
Additive	PTFE lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	2.2 - 3.2	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	45.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 10	%	ISO 527-2/5
Flexural Modulus ²	2000	MPa	ISO 178
Flexural Stress	57.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	30	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	99.0	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4 mm		

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Recommended distributors for this material

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