

LNP™ LUBRICOMP™ RX93237 compound

Polyamide 66
SABIC Innovative Plastics Europe

Message:
LNP LUBRICOMP RX93237 is a compound based on Nylon 66 resin containing PTFE, Silicone, MOS2.
Also known as: LNP* LUBRICOMP* Compound PDX-R-93237
Product reorder name: RX93237

General Information			
Additive	Molybdenum Disulfide Lubricant		
	Silicone Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	1.8 to 2.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2/1
Tensile Stress (Break)	59.0	MPa	ISO 527-2/5
Tensile Strain (Break)	4.9	%	ISO 527-2/5
Flexural Modulus ²	2300	MPa	ISO 178
Flexural Stress	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	45	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, Unannealed, 64.0 mm Span	219	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	66.0	°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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