

LNP™ LUBRICOMP™ RL002 compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP VERTON RL002 is a compound based on Nylon 66 resin containing PTFE.

Also known as: LNP* LUBRICOMP* Compound RL4020S NT06

Product reorder name: RL002

General Information			
Additive	PTFE lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	1.7 - 1.9	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2/1
Tensile Stress (Break)	74.0	MPa	ISO 527-2/5
Tensile Strain (Break)	4.5	%	ISO 527-2/5
Flexural Modulus ²	2600	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	7.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	55	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	62.0	°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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