

LNP™ LUBRICOMP™ RX85514 compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP LUBRICOMP RX85514 is a compound based on Nylon 66 resin containing Proprietary Filler(s).

Also known as: LNP* LUBRICOMP* Compound PDXR85514

Product reorder name: RX85514

General Information			
Filler / Reinforcement	Proprietary packing		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	1.2 - 1.4	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3800	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield	43.0	MPa	ISO 527-2/5
Fracture	71.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield	3.3	%	ISO 527-2/5
Fracture	5.3	%	ISO 527-2/5
Flexural Modulus ²	3300	MPa	ISO 178
Flexural Stress	106	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	4.0	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			
0.45 MPa, unannealed, 64.0mm span	241	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	97.0	°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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