

LNP™ LUBRICOMP™ RFP48SXS compound

Polyamide 66

SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP RFP48SXS is a compound based on Nylon 66 resin containing Glass Fiber, PTFE, Silicone. Added features of this material include: Heat Stabilized.

Also known as: LNP* LUBRICOMP* Compound RFL-4548 HS

Product reorder name: RFP48SXS

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Heat Stabilizer		
	PTFE + Silicone Lubricant		
Features	Heat Stabilized		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.60	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.20 to 0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	155	MPa	ISO 527-2/5
Tensile Strain (Break)	1.9	%	ISO 527-2/5
Flexural Modulus ²	8200	MPa	ISO 178
Flexural Stress	178	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	9.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	40	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	258	°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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