

LNP™ LUBRICOMP™ RFN1ASXS compound

Polyamide 66

SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP RFN1ASXS is a compound based on Nylon 66 resin containing Glass Fiber, MOS2. Added features of this material include: Heat Stabilized.

Also known as: LNP* LUBRICOMP* Compound RFL-421-10 HS

Product reorder name: RFN1ASXS

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Heat Stabilizer Molybdenum Disulfide Lubricant		
Features	Heat Stabilized Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.15 to 0.35	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17400	MPa	ISO 527-2/1
Tensile Stress (Break)	226	MPa	ISO 527-2/5
Tensile Strain (Break)	2.2	%	ISO 527-2/5
Flexural Modulus ²	12000	MPa	ISO 178
Flexural Stress	308	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	13	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			
0.45 MPa, Unannealed, 64.0 mm Span	261	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	252	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	2.3E-5	cm/cm/°C	
Transverse : 23 to 60°C	6.2E-5	cm/cm/°C	
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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