

LNP™ LUBRICOMP™ RI001 compound

Polyamide 66

SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP RI001 is a compound based on Nylon 66 resin containing Silicone.

Also known as: LNP* LUBRICOMP* Compound RL4410

Product reorder name: RI001

General Information			
UL YellowCard	E45329-101344689		
Additive	Silicone Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5
Yield	69.0	MPa	
Break	57.0	MPa	
Tensile Strain			ISO 527-2/5
Yield	23	%	
Break	58	%	
Flexural Modulus ¹	2300	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	No Break		ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow : 23 to 60°C	9.7E-5	cm/cm/°C	
Transverse : 23 to 60°C	1.3E-4	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.030	%	
Rear Temperature	182 to 193	°C	
Middle Temperature	188 to 199	°C	
Front Temperature	193 to 204	°C	
Processing (Melt) Temp	199 to 210	°C	
Mold Temperature	15.6 to 43.3	°C	

Back Pressure	0.172 to 0.344	MPa
Screw Speed	30 to 60	rpm
NOTE		
1.	2.0 mm/min	
2.	80*10*4	
3.	80*10*4	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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