

LNP™ LUBRICOMP™ RFL26 compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP LUBRICOMP* RFL26 is a compound based on Nylon 66 resin containing 30% Glass Fiber, 10% PTFE. Added features of this material include: Wear Resistant.

Also known as: LNP* LUBRICOMP* Compound RFL-4026

Product reorder name: RFL26

General Information			
UL YellowCard	E121562-101282712		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (10%)		
Features	Good Wear Resistance		
	Lubricated		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	185	MPa	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Strength			
--	276	MPa	ASTM D790
--	262	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	0.61		ASTM D3702 Modified
Wear Factor - Washer	6.00	10^-10 in^5-min/ft-lb-hr	ASTM D3702 Modified
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy	4.10	J	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-40 to 40°C)	3.0E-5	cm/cm/°C	ASTM E831
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	266 to 277	°C	
Middle Temperature	282 to 293	°C	
Front Temperature	293 to 304	°C	
Processing (Melt) Temp	282 to 304	°C	
Mold Temperature	93.3 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	

Screw Speed

30 to 60

rpm

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Recommended distributors for this material

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