

LNP™ LUBRICOMP™ XFL36 compound

Polyamide
SABIC Innovative Plastics

Message:

LNP LUBRICOMP XFL36 is a compound based on Amorphous Nylon containing 30% Glass Fiber and 15% PTFE. Added feature of this material is: Wear Resistant.

Also known as: LNP* LUBRICOMP* Compound XFL-4036

Product reorder name: XFL36

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (15%)		
Features	Amorphous		
	Good Wear Resistance		
	Lubricated		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Water Absorption (24 hr, 50% RH)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	127	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0 to 4.0	%	ASTM D638
Flexural Modulus ³ (50.0 mm Span)	7930	MPa	ASTM D790
Flexural Strength ⁴ (Break, 50.0 mm Span)	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	270	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	137	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	6.0 to 12	hr	
Suggested Max Moisture	0.10	%	
Rear Temperature	260 to 270	°C	
Middle Temperature	270 to 290	°C	
Front Temperature	290 to 300	°C	
Processing (Melt) Temp	260 to 300	°C	
Mold Temperature	50.0 to 100	°C	
Back Pressure	0.170 to 0.340	MPa	
Screw Speed	30 to 60	rpm	

NOTE	
1.	Type I, 5.0 mm/min
2.	Type I, 5.0 mm/min
3.	1.3 mm/min
4.	1.3 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT