

LNP™ LUBRICOMP™ QFP36 compound

Polyamide 610
SABIC Innovative Plastics

Message:

LNP LUBRICOMP* QFP36 is a compound based on Nylon 6/10 resin containing 30% Glass Fiber, 15% PTFE/Silicone. Added features of this material include: Wesr Resistant.

Also known as: LNP* LUBRICOMP* Compound QFL-4536

Product reorder name: QFP36

General Information			
UL YellowCard	E121562-101344702		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE + Silicone Lubricant (15%)		
Features	Good Wear Resistance		
	Lubricated		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.20	%	
Across Flow : 24 hr	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	137	MPa	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	8620	MPa	ASTM D790
Flexural Strength	212	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256
Unnotched Izod Impact (23°C)	910	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	202	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.12 to 0.20	%	
Rear Temperature	249 to 260	°C	
Middle Temperature	260 to 271	°C	
Front Temperature	271 to 282	°C	
Processing (Melt) Temp	271 to 277	°C	

Mold Temperature	82.2 to 93.3	°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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