

**SABIC Innovative Plastics LNP LUBRICOMP QFP36 PA 6/10**

Category : Polymer , Thermoplastic , Nylon , Nylon 610

**Material Notes:**

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.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-LUBRICOMP-QFP36-PA-610.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-QFP36-PA-610.php)

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	136 MPa	19700 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
Flexural Strength	212 MPa	30700 psi	ASTM D790
Flexural Modulus	8.61 GPa	1250 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	9.07 J/cm	17.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	201 Â°C	394 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

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