

## LNP Lubricomp® QFL-4536 Polyamide 6/10 Copolymer, Glass Fiber Reinforced, PTFE + Silicone Lubricant (disconti

Category : Polymer , Thermoplastic , Nylon , Nylon 610

### Material Notes:

Features: LubricatedForms: PelletsProcessing Method: Injection MoldingInformation provided by LNP, a GE Plastics Company.This data sheet is labeled Discontinued; however many LNP grades are still active under new names instituted after the SABIC purchase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LNP-Lubricomp-QFL-4536-Polyamide-610-Copolymer-Glass-Fiber-Reinforced-PTFE-Silicone-Lubricant-nbspdisconti.php](http://www.lookpolymers.com/polymer_LNP-Lubricomp-QFL-4536-Polyamide-610-Copolymer-Glass-Fiber-Reinforced-PTFE-Silicone-Lubricant-nbspdisconti.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.44 g/cc	1.44 g/cc	Method A; ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	137 MPa	19900 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
Flexural Strength	207 MPa	30000 psi	ASTM D790
Flexural Modulus	8.62 GPa	1250 ksi	ASTM D790
Izod Impact, Notched	0.907 J/cm @Thickness 3.18 mm	1.70 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	9.07 J/cm @Thickness 3.18 mm	17.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	202 °C	396 °F	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	268 - 274 °C	514 - 525 °F	
Mold Temperature	82.2 - 93.3 °C	180 - 200 °F	
Drying Temperature	82.2 °C	180 °F	
Dry Time	4 hour	4 hour	

Processing Properties	Metric	English	Comments
Back Pressure	0.172 - 0.345 MPa	24.9 - 50.0 psi	

## Contact Songhan Plastic Technology Co.,Ltd.

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