

## LNP Lubricomp® EFL-4034 LE BK8-065 Polyetherimide, Glass Fiber Reinforcement, PTFE Lubricant (discontinued \*\*

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

### Material Notes:

Features: Low Extractables, 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-EFL-4034-LE-BK8-065-Polyetherimide-Glass-Fiber-Reinforcement-PTFE-Lubricant-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_LNP-Lubricomp-EFL-4034-LE-BK8-065-Polyetherimide-Glass-Fiber-Reinforcement-PTFE-Lubricant-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	Method A; ASTM D792
Density	1.54 g/cc	0.0556 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.10 %	0.10 %	at 24 hrs; ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	113 MPa	16400 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	7.58 GPa	1100 ksi	ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	7.52 GPa	1090 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm @Thickness 3.18 mm	1.30 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	4.80 J/cm @Thickness 3.18 mm	8.99 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Notched (ISO)	20.9 kJ/m <sup>2</sup>	9.95 ft-lb/in <sup>2</sup>	ISO 180
Izod Impact, Unnotched (ISO)	32.0 kJ/m <sup>2</sup>	15.2 ft-lb/in <sup>2</sup>	ISO 180
Falling Dart Impact	8.60 J	6.34 ft-lb	ASTM D3763
Impact Test	2.65 J	1.95 ft-lb	Multi-Axial Instrumented Impact Energy; ISO 6603-2

Mechanical Properties	Metric	English	Comments
Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	203 °C	397 °F	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	360 - 366 °C	680 - 691 °F	
Mold Temperature	121 - 149 °C	250 - 300 °F	
Drying Temperature	121 - 149 °C	250 - 300 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.020 %	0.020 %	Suggested
Back Pressure	0.345 - 0.689 MPa	50.0 - 99.9 psi	

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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