

LNP™ LUBRICOMP™ EFL36E compound

Polyether Imide
SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP EFL36E is a compound based on Polyetherimide resin containing Glass Fiber, PTFE. Added features of this material include: Easy Molding.

Also known as: LNP* LUBRICOMP* Compound EFL-4036 EM

Product reorder name: EFL36E

General Information			
UL YellowCard	E45329-101343830		
Filler / Reinforcement	Glass Fiber		
Additive	PTFE Lubricant		
Features	Good Moldability		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.10 to 0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	140	MPa	ISO 527-2/5
Tensile Strain (Break)	1.9	%	ISO 527-2/5
Flexural Modulus ²	8800	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	9.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	202	°C	ISO 75-2/Af
CLTE - Flow (23 to 60°C)	4.0E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flame Rating (0.750 mm)	V-0		UL 94
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4 mm		

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