

LNP™ LUBRICOMP™ DFL34 compound

Polycarbonate
SABIC Innovative Plastics

Message:

LNP LUBRICOMP DFL34 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE.
Also known as: LNP* LUBRICOMP* Compound DFL-4034
Product reorder name: DFL34

General Information			
UL YellowCard	E45329-101344452		
Filler / Reinforcement	Glass fiber reinforced material		
Additive	PTFE lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.20 - 0.40	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5600	MPa	ISO 527-2/1
Tensile Stress (Break)	99.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.8	%	ISO 527-2/5
Flexural Modulus ²	5300	MPa	ISO 178
Flexural Stress	147	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	15	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	50	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, unannealed, 64.0mm span	146	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	142	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4 mm		

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Recommended distributors for this material

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