

LNP™ LUBRICOMP™ DFP34 compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP LUBRICOMP DFP34 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE, Silicone.

Also known as: LNP* LUBRICOMP* Compound DFL-4534

Product reorder name: DFP34

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	PTFE silicone lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5700	MPa	ISO 527-2/1
Tensile Stress (Break)	89.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.6	%	ISO 527-2/5
Flexural Modulus ¹	3800	MPa	ISO 178
Flexural Stress	102	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	11	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³			
0.45 MPa, unannealed, 64.0mm span	145	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	140	°C	ISO 75-2/Af
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	3.4E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	6.2E-5	cm/cm/°C	ISO 11359-2
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

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