

LNP™ LUBRICOMP™ DFL44 compound

Polycarbonate
SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP DFL44 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE.
Also known as: LNP* LUBRICOMP* Compound DFL-4044
Product reorder name: DFL44

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	PTFE Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6400	MPa	ISO 527-2/1
Tensile Stress (Break)	86.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.3	%	ISO 527-2/5
Flexural Modulus ¹	4900	MPa	ISO 178
Flexural Stress	127	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	11	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	30	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	147	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	142	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	2.6E-5	cm/cm/°C	
Transverse : 23 to 60°C	7.6E-5	cm/cm/°C	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		
4.	80*10*4 mm		

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