

LNP™ LUBRICOMP™ DL003 compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP LUBRICOMP DL003 is a compound based on Polycarbonate resin containing PTFE.

Also known as: LNP* LUBRICOMP* Compound DL4030

Product reorder name: DL003

General Information			
UL YellowCard	E45329-101344454		
Additive	PTFE lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	54.0	MPa	ISO 527-2/50
Fracture	50.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	5.5	%	ISO 527-2/50
Fracture	9.6	%	ISO 527-2/50
Flexural Modulus ¹	2300	MPa	ISO 178
Flexural Stress	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	15	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	> 100	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, unannealed, 64.0mm span	138	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	128	°C	ISO 75-2/Af
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	7.4E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	7.5E-5	cm/cm/°C	ISO 11359-2
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		
4.	80*10*4 mm		

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Recommended distributors for this material

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