

LNP™ LUBRICOMP™ DFL12 compound

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LNP LUBRICOMP DFL12 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound DFL-4012

Product reorder name: DFL12

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	PTFE Lubricant		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	4260	MPa	ASTM D638
Tensile Strength (Break)	77.2	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	4230	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	750	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	142	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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