

LNP™ LUBRICOMP™ DFL16E compound

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LNP LUBRICOMP DFL16E is a compound based on Polycarbonate resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated, Easy Molding.

Also known as: LNP* LUBRICOMP* Compound DFL-4016 EM

Product reorder name: DFL16E

General Information	
Filler / Reinforcement	Glass Fiber
Additive	PTFE Lubricant
Features	Good Moldability Lubricated

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.23	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	8820	MPa	ASTM D638
Tensile Strength (Break)	101	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	7930	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256
Unnotched Izod Impact (23°C)	660	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	141	°C	ASTM D648

NOTE	
1.	50 mm/min

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Recommended distributors for this material

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