

LNP™ LUBRICOMP™ FL004 compound

Polyethylene

SABIC Innovative Plastics

Message:

LNP LUBRICOMP FL004 is a compound based on Polyethylene resin containing PTFE. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound FL-4040

Product reorder name: FL004

General Information			
Additive	PTFE lubricant		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1430	MPa	ASTM D638
Tensile Strength (Break)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	42	%	ASTM D638
Flexural Modulus	1010	MPa	ASTM D790
Flexural Strength	20.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	46.7	°C	ASTM D648
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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