

LNP™ LUBRICOMP™ ML004S compound

Polypropylene
SABIC Innovative Plastics

Message:

LNP LUBRICOMP ML004S is a compound based on Polypropylene resin containing PTFE. Added features of this material include: Internally Lubricated, Heat Stabilized.

Also known as: LNP* LUBRICOMP* Compound ML-4040 HS

Product reorder name: ML004S

General Information			
Additive	PTFE lubricant		
	heat stabilizer		
Features	Thermal Stability		
	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1770	MPa	ASTM D638
Tensile Strength (Break)	30.3	MPa	ASTM D638
Tensile Elongation (Break)	6.2	%	ASTM D638
Flexural Modulus	1560	MPa	ASTM D790
Flexural Strength	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C)	280	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	62.8	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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