

LNP™ LUBRICOMP™ MFL36S compound

Polypropylene
SABIC Innovative Plastics

Message:

LNP LUBRICOMP MFL36S is a compound based on Polypropylene resin containing Glass Fiber, PTFE. Added features of this material include: Heat Stabilized.

Also known as: LNP* LUBRICOMP* Compound MFXL4036HS

Product reorder name: MFL36S

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	PTFE lubricant heat stabilizer		
Features	Thermal Stability Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6900	MPa	ISO 527-2/1
Tensile Stress (Break)	85.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.8	%	ISO 527-2/5
Flexural Modulus ¹	6400	MPa	ISO 178
Flexural Stress	123	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	50	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	3.0E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	1.2E-4	cm/cm/°C	ISO 11359-2
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

