

LNP™ LUBRICOMP™ BX05029 compound

Styrene Acrylonitrile

SABIC Innovative Plastics Europe

Message:

LNP LUBRICOMP BX05029 is a compound based on Styrene Acrylonitrile resin containing Mineral, Graphite.

Also known as: LNP* LUBRICOMP* Compound BML4323S

Product reorder name: BX05029

General Information			
Filler / Reinforcement	Mineral		
Additive	Graphite Powder Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.10 to 0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5400	MPa	ISO 527-2/1
Tensile Stress (Break)	52.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.1	%	ISO 527-2/5
Flexural Modulus ²	4500	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	2.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	10	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	81.0	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4 mm		

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Recommended distributors for this material

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