

LNP™ LUBRICOMP™ JX91198 compound

Polyethersulfone
SABIC Innovative Plastics

Message:

LNP LUBRICOMP JX91198 is a compound based on Polyethersulfone resin containing Carbon Fiber, Proprietary Lubricant.
Also known as: LNP* LUBRICOMP* Compound JBG
Product reorder name: JX91198

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Additive	Lubricant		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.30 - 0.50	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	99.0	MPa	ISO 527-2/5
Tensile Strain (Break)	1.6	%	ISO 527-2/5
Flexural Modulus ²	6300	MPa	ISO 178
Flexural Stress	140	MPa	ISO 178
Coefficient of Friction			ASTM D3702 Modified
With self-dynamics	0.34		ASTM D3702 Modified
With Self-Static	0.27		ASTM D3702 Modified
Wear Factor - Washer	20.0	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D3702 Modified
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	6.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	20	kJ/m ²	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 - 1.0E+5	ohms	ASTM D257
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		

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Recommended distributors for this material

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