

LNP™ LUBRICOMP™ SCL36 compound

Polyamide 12

SABIC Innovative Plastics

Message:

LNP LUBRICOMP SCL36 is a compound based on Nylon 12 resin containing PTFE, Carbon Fiber. Added features of this material include: Internally Lubricated, , Electrically Conductive.

Also known as: LNP* LUBRICOMP* Compound SCL-4036

Product reorder name: SCL36

General Information	
Filler / Reinforcement	Carbon fiber reinforced material
Additive	PTFE lubricant
Features	Conductivity
	Lubrication

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	15700	MPa	ASTM D638
Tensile Strength (Break)	124	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Modulus	13900	MPa	ASTM D790
Flexural Strength	207	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Unnotched Izod Impact (23°C)	690	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	168	°C	ASTM D648
NOTE			

1. 50 mm/min

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.

Recommended distributors for this material

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



WECHAT