

# LNP™ STAT-KON™ RX05489 compound

Polyamide 66  
SABIC Innovative Plastics

Message:

LNP STAT-KON RX05489 is a compound based on Nylon 66 resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive, Internally Lubricated.  
Also known as: LNP\* STAT-KON\* Compound RCFL-4536  
Product reorder name: RX05489

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm <sup>3</sup>	ASTM D792

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	15300	MPa	ASTM D638
Tensile Strength (Break)	172	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	14400	MPa	ASTM D790
Flexural Strength	296	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Unnotched Izod Impact (23°C)	960	J/m	ASTM D4812

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	247	°C	ASTM D648

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0 - 6.0	ohms	ASTM D257

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](mailto:sales@su-jiao.com)

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

