

# LNP™ STAT-KON™ REF42XXP compound

Polyamide 66

SABIC Innovative Plastics Europe

## Message:

LNP STAT-KON REF42XXP is a compound based on Nylon 66 resin containing Glass Fiber, Carbon Fiber. Added features of this material include: Electrically Conductive.

Also known as: LNP\* STAT-KON\* Compound RCF-1006S

Product reorder name: REF42XXP

General Information			
Filler / Reinforcement	Glass\Carbon Fiber		
Features	Electrically Conductive		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow <sup>1</sup>	0.10 to 0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	189	MPa	ISO 527-2/5
Tensile Strain (Break)	3.1	%	ISO 527-2/5
Flexural Modulus <sup>2</sup>	8700	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength <sup>3</sup> (23°C)	8.0	kJ/m <sup>2</sup>	ISO 180/1A
Unnotched Izod Impact Strength <sup>4</sup> (23°C)	60	kJ/m <sup>2</sup>	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3 to 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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