

LNP™ STAT-KON™ SC004 compound

Polyamide 12

SABIC Innovative Plastics Europe

Message:

LNP STAT-KON SE004 is a compound based on Nylon 12 resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

Also known as: LNP* STAT-KON* Compound SC-1004

Product reorder name: SC004

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Electrically Conductive		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10300	MPa	ISO 527-2/1
Tensile Stress (Break)	130	MPa	ISO 527-2/5
Tensile Strain (Break)	2.0 to 4.0	%	ISO 527-2/5
Flexural Modulus ¹	7900	MPa	ISO 178
Flexural Stress	171	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	14	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	50	kJ/m ²	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+4	ohms	ASTM D257
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

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Recommended distributors for this material

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