

# LNP™ STAT-KON™ CD000 compound

High Impact Polystyrene

SABIC Innovative Plastics Europe

## Message:

LNP STAT-KON CD000 is a compound based on Polystyrene resin containing Carbon Powder. Added features of this material include: Electrically Conductive.

Also known as: LNP\* STAT-KON\* Compound CE

Product reorder name: CD000

General Information			
Filler / Reinforcement	Carbon Powder		
Features	Electrically Conductive		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow	0.70 to 1.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	26.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 10	%	ISO 527-2/5
Flexural Modulus <sup>1</sup>	1400	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength <sup>2</sup> (23°C)	11	kJ/m <sup>2</sup>	ISO 180/1A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3 to 1.0E+5	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	221 to 232	°C	
Middle Temperature	243 to 254	°C	
Front Temperature	266 to 277	°C	
Processing (Melt) Temp	249	°C	
Mold Temperature	37.8 to 65.6	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		

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

