

LNP™ STAT-KON™ CD000I compound

High Impact Polystyrene

SABIC Innovative Plastics

Message:

LNP STAT-KON CD000I is a compound based on Polystyrene resin containing Carbon Powder. Added features of this material include: Electrically Conductive, High Impact.

Also known as: LNP* STAT-KON* Compound C-HI

Product reorder name: CD000I

General Information			
Filler / Reinforcement	Carbon powder		
Features	Conductivity		
	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2180	MPa	ASTM D638
Tensile Strength (Break)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	6.6	%	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Flexural Strength	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Unnotched Izod Impact (23°C)	380	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	73.3	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 - 1.0E+6	ohms	ASTM D257
NOTE			
1.	50 mm/min		

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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

