



LNP™ STAT-KON™ Compound CD000

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound CE
Product reorder name: CD000

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

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	26	MPa	ISO 527
Tensile Strain, break, 5 mm/min	>10	%	ISO 527
Flexural Stress, break, 2 mm/min	37	MPa	ISO 178
Flexural Modulus, 2 mm/min	1400	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	11	kJ/m ²	ISO 180/1A
PHYSICAL			
Mold Shrinkage, flow (5)	0.7 - 1	%	SABIC Method
Density	1.12	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+03 - 1.E+05	Ohm	ASTM D 257



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Melt Temperature	250	°C
Front - Zone 3 Temperature	265 - 275	°C
Middle - Zone 2 Temperature	245 - 255	°C
Rear - Zone 1 Temperature	220 - 230	°C
Mold Temperature	40 - 65	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm