

Product Texts

LNP STAT-KON DJ000I is a compound based on PC resin containing Proprietary Filler(s). Added features of this material include:
Electrically
Conductive.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	22	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2510	MPa	ISO 527
Stress at break	52	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	2460	MPa	ISO 178
Izod impact strength, +23°C	137	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	35	kJ/m ²	ISO 180/1A
ASTM Data			
Izod Impact notched, 1/8 in	660	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	126	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E7	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2	h	-
Melt temperature	310 - 335	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	300 - 325	°C	-
Zone 2	310 - 335	°C	-
Zone 3	315 - 340	°C	-
Screw speed	70 - 120	rpm	-
Injection speed	50 - 60	mm/s	-
Back pressure	0.5 - 5	MPa	-

Characteristics**Processing**

Injection Molding

Applications

IT / Business Machine, Electrical and Electronical

Special Characteristics

Increased electrical conductivity

Regional Availability

North America, Europe, Asia Pacific