

**Product Texts**

LNP STAT-KON DX13320C compound is based on Polycarbonate (PC) resin containing 20% carbon fiber. Added features of this grade include: LNP Clean Compounding Technology, Low LPC, Low Ionics, Low Outgassing, Low C18-C40 Hydrocarbons, Electrically Conductive.

UL Yellow Card Link [E207780-101977560](https://www.ul.com/yellow-card-link/E207780-101977560)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	34	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	14600	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus	11600	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Modulus	15170	MPa	ASTM D 638
Tensile Strength at Break	152	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	11500	MPa	ASTM D 790
Flexural Strength	209	MPa	ASTM D 790
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	410	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
<b>ASTM Data</b>			
DTUL @ 264 psi	117	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	500000	Ohm	ASTM D 257
Volume Resistivity	500000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1260	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 110	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	280 - 320	°C	-
Mold temperature	90 - 120	°C	-
Zone 1	250 - 280	°C	-
Zone 2	280 - 320	°C	-
Zone 3	280 - 320	°C	-
Screw speed	30 - 100	rpm	-
Back pressure	1 - 5	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Increased electrical conductivity