

Product Texts

LNP STAT-KON WX06322 compound is based on Polybutylene Terephthalate (PBT) resin containing glass fiber and carbon fiber. Added features of this grade include: Electrically Conductive, Flame Retardant, Low Warpage.

UL Yellow Card Link [E207780-101283813](https://www.ul.com/yellow-card/E207780-101283813)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Izod Impact notched, 1/8 in	78	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	13.2	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	82.5	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.0	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1.3E6	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 265	°C	-
Mold temperature	65 - 90	°C	-
Zone 1	240 - 255	°C	-
Zone 2	245 - 260	°C	-
Zone 3	250 - 265	°C	-
Screw speed	50 - 80	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Increased electrical conductivity, Flame retardant

Regional Availability

North America, Europe, Asia Pacific