

Product Texts

LNP STAT-KON 9X02785 compound is based on Polycarbonate / Polybutylene Terephthalate (PC/PBT) blend containing proprietary fillers. Added features of this grade include: Electrically Conductive.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2870	MPa	ASTM D 638
Tensile Strength at Yield	64	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	2890	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	63	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	2160	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	106	°C	ASTM D 648

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

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	305 - 325	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	295 - 305	°C	-
Zone 2	310 - 320	°C	-
Zone 3	320 - 330	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific

Special Characteristics

Increased electrical conductivity