

Product Texts

LNP STAT-KON DD0009E compound is based on Polycarbonate (PC) resin containing conductive carbon powder. Added features of this grade include: Electrically Conductive, Flame Retardant, Easy Molding.

UL Yellow Card Link [E207780-101343854](https://www.ul.com/yellowcard/E207780-101343854)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3050	MPa	ASTM D 638
Tensile Strength at Break	62	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	3170	MPa	ASTM D 790
Flexural Strength	96	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	2000	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
ASTM Data			
DTUL @ 264 psi	130	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Increased electrical conductivity, Flame retardant

Regional Availability

Asia Pacific