

Product Texts

LNP STAT-KON RE0069S compound is based on Nylon 6/6 resin containing 30% carbon fiber. Added features of this grade include: Electrically Conductive, Flame Retardant, Heat Stabilized.

UL Yellow Card Link [E207780-103093588](https://www.ul.com/yellow-card/E207780-103093588)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	26960	MPa	ASTM D 638
Tensile Strength at Break	228	MPa	ASTM D 638
Elongation at Break	0.9	%	ASTM D 638
Flexural Modulus	18590	MPa	ASTM D 790
Flexural Strength	351	MPa	ASTM D 790
Izod Impact notched, 1/8 in	78	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1020	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	1.5	mm	-
ASTM Data			
DTUL @ 264 psi	242	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Increased electrical conductivity, Flame retardant

Additives

Flame retarding agent

Regional Availability

Asia Pacific