

**Product Texts**

LNP STAT-KON RE004 compound is based on Nylon 6/6 resin containing 20% carbon fiber. Added features of this grade include: Electrically Conductive.

UL Yellow Card Link [E45329-101338754](https://www.ul.com/yellow-card/E45329-101338754)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Stress at break	<b>218</b>	MPa	ISO 527
Strain at break	<b>1.6</b>	%	ISO 527
Flexural modulus	<b>12300</b>	MPa	ISO 178
Izod impact strength, +23°C, 4mm	<b>52</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Coeff. of linear therm. expansion, parallel	<b>12</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>112</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>1000000</b>	Ohm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1220</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

Increased electrical conductivity