

**Product Texts**

LNP STAT-KON FX98501 compound is based on Polyethylene (PE) resin containing conductive carbon powder and glass fiber. Added features of this grade include: Electrically Conductive.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2820</b>	MPa	ISO 527
Stress at break	<b>40</b>	MPa	ISO 527
Flexural modulus	<b>2630</b>	MPa	ISO 178
Izod notched impact strength, +23°C, 4mm	<b>12</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>			
Temp. of deflection under load, 1.80 MPa	<b>85</b>	°C	ISO 75-1/-2

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>100000</b>	Ohm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1080</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Special Characteristics**

Increased electrical conductivity