

**Nemcon™ E PK DP104**

PEEK-CF

Ovation Polymers

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>19540</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>200</b>	MPa	ASTM D 638
Elongation at Break	<b>2</b>	%	ASTM D 638
Flexural Modulus	<b>18600</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>88.1</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>332</b>	°C	ASTM D 648

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>1000</b>	Ohm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1420</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Features**

Thermal Stability

**Regional Availability**

North America