

**FORMPOLY N46GF50**

PA46-GF50

Formulated Polymers Limited

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>14500</b>	MPa	ASTM D 638
Tensile Strength	<b>250</b>	MPa	ASTM D 638
Elongation at Break	<b>2.5</b>	%	ASTM D 638
Flexural Modulus	<b>14000</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>157</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>290</b>	°C	ASTM D 648
<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Volume Resistivity	<b>1E14</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1620</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Chemical Resistance**

General Chemical Resistance

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Automotive, Electrical and Electronical

**Features**

Fatigue Resistance, Low Odor

**Regional Availability**

Asia Pacific