

**FORMPOLY N6GF50**

PA6-GF50

Formulated Polymers Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>185</b>	MPa	ASTM D 638
Elongation at Break	<b>3</b>	%	ASTM D 638
Flexural Modulus	<b>10000</b>	MPa	ASTM D 790
Flexural Strength	<b>290</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>98.1</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>220</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>220</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>1E14</b>	Ohm	ASTM D 257
Volume Resistivity	<b>1E15</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1500</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Features**

Low Odor

**Additives**

Lubricants

**Regional Availability**

Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat