

**N6G5**

PA6-GF50

Cheng Yu Plastic Company Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0025</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.009</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	<b>190</b>	MPa	ASTM D 638
Flexural Strength	<b>300</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 95</b>	-	ASTM D 785

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
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>			
Dielectric Constant, 60 Hz	<b>3.5</b>	-	ASTM D 150
Surface Resistivity	<b>1E14</b>	Ohm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1580</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

Asia Pacific