

**JH710 G10D**

PC-GF10

Kingfa Sci. &amp; Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.004</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	<b>54</b>	MPa	ASTM D 638
Elongation at Break	<b>18</b>	%	ASTM D 638
Flexural Modulus	<b>3000</b>	MPa	ASTM D 790
Flexural Strength	<b>92</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 83</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>111</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
DTUL @ 66 psi	<b>130</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>122</b>	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>19</b>	kV/mm	ASTM D 149
Surface Resistivity	<b>&gt;1E15</b>	Ohm	ASTM D 257
Volume Resistivity	<b>&gt;1E15</b>	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	<b>1260</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Applications**

IT / Business Machine, Electrical and Electronical

**Regional Availability**

Asia Pacific