

**PBT-G15**

PBT-GF15

Kingfa Sci. &amp; Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.008</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>100</b>	MPa	ASTM D 638
Elongation at Break	<b>3.5</b>	%	ASTM D 638
Flexural Modulus	<b>5000</b>	MPa	ASTM D 790
Flexural Strength	<b>150</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 119</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>91.3</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
DTUL @ 66 psi	<b>215</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>208</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Volume Resistivity	<b>&gt;1E15</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Water Absorption, 24hr	<b>0.06</b>	%	ASTM D 570
Density	<b>1420</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific