

**TN5015**

PBT-GF15

Cheng Yu Plastic Company Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0065</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.0145</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	<b>85</b>	MPa	ASTM D 638
Flexural Strength	<b>110</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 94</b>	-	ASTM D 785

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	-

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Constant, 60 Hz	<b>3.5</b>	-	ASTM D 150
Surface Resistivity	<b>1E15</b>	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	<b>1460</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Flame retardant, Halogen-free

**Regional Availability**

Asia Pacific

**Applications**

Automotive, Electrical and Electronical