

PBT-T15

PBT-MF15

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	50	MPa	ASTM D 638
Elongation at Break	12	%	ASTM D 638
Flexural Modulus	2800	MPa	ASTM D 790
Flexural Strength	70	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785
Izod Impact notched, 1/8 in	52.8	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	195	°C	ASTM D 648
DTUL @ 264 psi	105	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.06	%	ASTM D 570
Density	1410	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

Low Warpage

Applications

Electrical and Electronical

Regional Availability

Asia Pacific