

JH710 G10

PC-GF10

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	75	MPa	ASTM D 638
Elongation at Break	9	%	ASTM D 638
Flexural Modulus	4200	MPa	ASTM D 790
Flexural Strength	105	MPa	ASTM D 790
Rockwell Hardness	R 84	-	ASTM D 785
Izod Impact notched, 1/8 in	117	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	104	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	142	°C	ASTM D 648
DTUL @ 264 psi	130	°C	ASTM D 648

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

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	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