

HC-110

ABS

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	44	MPa	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	66	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	312	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	96	°C	ASTM D 648
DTUL @ 264 psi	87	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	23	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Platable

Applications

Electrical and Electronical

Regional Availability

Asia Pacific