

HF-606

ABS

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	43	MPa	ASTM D 638
Flexural Modulus	2400	MPa	ASTM D 790
Flexural Strength	66	MPa	ASTM D 790
Rockwell Hardness	R 104	-	ASTM D 785
Izod Impact notched, 1/8 in	188	J/m	ASTM D 256
Izod Impact notched, 1/4 in	157	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	85	°C	ASTM D 648
DTUL @ 264 psi	76	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Volume Resistivity	1E14	Ohm*cm	ASTM D 257
Other properties			
Density	1180	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

IT / Business Machine

Delivery form

Pellets

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant, U.V. stabilized or stable to weather