

H-12

ABS

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength	44	MPa	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	64	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	278	J/m	ASTM D 256
Izod Impact notched, 1/4 in	251	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	97	°C	ASTM D 648
DTUL @ 264 psi	88	°C	ASTM D 648
Electrical properties			
ASTM Data	Value	Unit	Test Standard
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

Applications

Automotive

Delivery form

Pellets

Regional Availability

Asia Pacific

Special Characteristics

Heat stabilized or stable to heat