

HR-527A

ABS

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	46	MPa	ASTM D 638
Flexural Modulus	2500	MPa	ASTM D 790
Flexural Strength	70	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/8 in	188	J/m	ASTM D 256
Izod Impact notched, 1/4 in	158	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	102	°C	ASTM D 648
DTUL @ 264 psi	94	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	23	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1050	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

Asia Pacific