

**MAC-851**

(PC+ABS)

Kingfa Sci. &amp; Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Tensile Strength	55	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	2400	MPa	ASTM D 790
Flexural Strength	85	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	576	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	384	J/m	ASTM D 256
Temperature	-32	°C	-
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	123	°C	ASTM D 648
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Surface Resistivity	>1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1160	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive, Electrical and Electronical

**Delivery form**

Pellets

**Regional Availability**

Asia Pacific

**Special Characteristics**

Platable, High impact or impact modified