

PC-S609

PC

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength	58	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	2300	MPa	ASTM D 790
Flexural Strength	82	MPa	ASTM D 790
Izod Impact notched, 1/8 in	432	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	131	°C	ASTM D 648
DTUL @ 264 psi	125	°C	ASTM D 648
Electrical properties			
ASTM Data	Value	Unit	Test Standard
Surface Resistivity	1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Value	Unit	Test Standard	
Density	1190	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Chemical Resistance

Environmental Stress Crack Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific