

HSC7060

(PC+ASA)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	60	MPa	ASTM D 638
Elongation at Break	80	%	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	68	MPa	ASTM D 790
Izod Impact notched, 1/8 in	600	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	110	°C	ASTM D 648
Vicat Temperature	120	°C	ASTM D 1525
Electrical properties			
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1130	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	230 - 270	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive, Building Construction, Sports Equipment

Special Characteristics

High impact or impact modified

Regional Availability

Asia Pacific