

KumhoSunny PC/ASA HSC7060

Acrylonitrile Styrene Acrylate + PC

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HSC7060 is heat resistance, high impact PC/ASA resin. HSC7060 has excellent processing properties. HSC7060 is mainly used in automobile parts, commodity, building material, sports equipment, etc.

General Information			
Features	Good Processability		
	High Impact Resistance		
	Medium Heat Resistance		
Uses	Automotive Applications		
	Building Materials		
	Sporting Goods		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	68.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	120	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method

Flame Rating (1.60 mm)	HB	UL 94
Injection	Nominal Value	Unit
Drying Temperature	100 to 110	°C
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	230 to 270	°C
Mold Temperature	60.0 to 90.0	°C
NOTE		
1.	Rate B (120°C/h)	

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Recommended distributors for this material


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