

# KumhoSunny PC/ABS HAC8270HF

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

## Message:

HAC8270HF is high flow,high heat resistance and high rigidity PC/ABS resin. HAC8270HF has an excellent low temperature resistance properties. HAC8270HF is mainly used in household electric product, automobile inner parts,etc.

General Information			
Features	High Flow		
	High Heat Resistance		
	High Rigidity		
	Low Temperature Resistant		
Uses	Automotive Interior Parts		
	Electrical/Electronic Applications		
	Household Goods		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	15	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)	100	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	114	°C	ASTM D648
Vicat Softening Temperature	128	°C	ASTM D1525 <sup>1</sup>
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
Additional Information	Nominal Value		
CSA File No.	LS 66457		
Injection	Nominal Value	Unit	
Drying Temperature	100 to 110	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	260 to 290	°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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