

# KumhoSunny PC/ABS HAC8250W

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

## Message:

HAC8250W is high impact PC/ABS resin.HAC8250W is mainly used in lamp, computer housing, mobile-phone housing, etc.

General Information			
Features	High Impact Resistance		
Uses	Consumer Applications		
	Electrical/Electronic Applications		
	Household Goods		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	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	55.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	75.0	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)	105	°C	ASTM D648
Vicat Softening Temperature	116	°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	4.0 to 6.0	hr
Processing (Melt) Temp	230 to 270	°C
Mold Temperature	50.0 to 80.0	°C

NOTE

1.
- Rate B (120°C/h)

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