

KumhoSunny PC/ABS HAC8265H

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HAC8265H is high flow PC/ABS resin. HAC8265H has an excellent low temperature resistance properties. HAC8265H is mainly used in household electric product, automobile inner parts,etc.

General Information			
Features	High Flow		
	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 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	56.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	78.0	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)	108	°C	ASTM D648
Vicat Softening Temperature	122	°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

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	240 to 280	°C
Mold Temperature	60.0 to 90.0	°C
NOTE		
1.	Rate B (120°C/h)	

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