

KumhoSunny PC/ABS HAC8200FR

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HAC8200FR is halogen flame retardant PC/ABS resin. HAC8200FR has excellent processing properties and high tenacity. HAC8200FR is mainly used in computer monitor, CD-ROM, DVD, VCD, etc.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
Uses	Computer Components		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	40.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Flexural Strength	55.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
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)	V-2		UL 94
Additional Information	Nominal Value		
CSA File No.	LS 66457		
Injection	Nominal Value	Unit	

Drying Temperature	80.0 to 90.0	°C
Drying Time	4.0 to 6.0	hr
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	50.0 to 80.0	°C

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Recommended distributors for this material

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