

KumhoSunny PC/ABS HAC8250FR

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HAC8250FR is halogen flame retardant(V0 rate) heat resistance PC/ABS resin. HAC8250FR has excellent processing properties and high tenacity. HAC8250FR is mainly used in computer monitor, electric & electron parts,etc.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
	Medium Heat Resistance		
Uses	Computer Components		
	Electrical Parts		
	Electrical/Electronic Applications		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.0	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	650	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°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-0	UL 94
Additional Information	Nominal Value	
CSA File No.	LS 66457	
Injection	Nominal Value	Unit
Drying Temperature	90.0 to 100	°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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