

KumhoSunny PC/ABS HAC8265FR

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HAC8265FR is halogen flame retardant (V0 rate) super heat resistance PC/ABS resin. HAC8265FR has excellent processing properties and high tenacity. HAC8265FR is mainly used in electric & electronic parts requiring flame retardant and heat resistance parts, etc.

General Information			
UL YellowCard	E254819-100155342		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
	High Heat Resistance		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	78.0	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)	108	°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		UL 94
1.60 mm	V-0	
	V-0	
2.20 mm	5VB	
	V-0	
3.00 mm	5VB	
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	230 to 270	°C
Mold Temperature	50.0 to 80.0	°C

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