HAC8250FR

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.

Properties	Standard	Unit	Condition	Typical Value
Physical				
Density	ASTM D792	g/cm3		1.18
Melt Index	ASTM D1238	g/10min	230℃×10kg	15
Mold Shrinkage	ASTM D955	%		0.4~0.6
Mechanical				
Tensile Strength	ASTM D638	MPa		55
Tensile Elongation at Break	ASTM D638	%		60
Flexural Strength	ASTM D790	MPa		70
Flexural Modulus	ASTM D790	MPa		2000
Notched Izod Impact,3.2mm	ASTM D256	J/m	3.2mm,Notched	650
Thermal				
Heat Deflection Temp. 1.82MPa Unannealed	ASTM D648	℃	1.82MPa	105
Flammability				
Flammability	UL-94	Class	1.6mm	V-0
Electrical Properties				
Volume Resistivity	IEC 60093	Ohm-cm	/	> 1.0E+15
Surface Resistivity	IEC 60093	Ohm	/	> 1.0E+15

Note：1) These are typical property values, not specifications.

2) In case of colored products, the values could vary slightly by color.

3) Values are measured at 23℃ and in RH of 50% on injection molded specimens.

4) UL File No. E65424 (CSA File No. LS 66457)、E254819

Disclaimer:

For more information please click:www.kumhosunny.com

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Processing Parameters	Typical Value	Unit
Drying Temperature	90~100	℃
Drying Time	4~6	hour
Maximum moisture content		%
Barrel Temperature		
Rear		℃
Middle		℃
Front		℃
Nozzle		℃
Melt Temperature	220~260	℃
Mold Temperature	50~80	℃
Back Pressure		MPa
Screw Speed		rpm

Note：

1)The above data is only for reference. Exact settings have to follow the product,injection machine and mold.

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