

# KumhoSunny PC/ABS HAC8250NH-DF10

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

## Message:

HAC8250NH-DF10 is 5% mineral filled, V-0, non-halogen flame retardant PC/ABS resin. HAC8250NH-DF10 has high rigidity, excellent processing properties and high tenacity. HAC8250NH-DF10 is mainly used in notebook housing, etc.

General Information			
Filler / Reinforcement	Mineral, 5.0% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
	Halogen Free		
	High Rigidity		
Uses	Housings		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	60	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	85.0	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)	88.0	°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-0		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	240 to 280	°C
Mold Temperature	50.0 to 80.0	°C

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#### Recommended distributors for this material

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