

HAC8230

(PC+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	48	MPa	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	58	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	30	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	45	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	90	°C	ASTM D 648
Vicat Temperature	100	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85 - 95	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	50 - 80	°C	-
Zone 1	200 - 230	°C	-
Zone 2	220 - 240	°C	-
Zone 3	235 - 255	°C	-
Nozzle temperature	235 - 245	°C	-
Screw speed	30 - 70	rpm	-
Back pressure	0.3 - 1	MPa	-

Characteristics**Applications**

Electrical and Electronical

Regional Availability

Asia Pacific