

HAC8250FR

(PC+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	55	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	2000	MPa	ASTM D 790
Flexural Strength	70	MPa	ASTM D 790
Izod Impact notched, 1/8 in	650	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	105	°C	ASTM D 648

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	1180	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	50 - 80	°C	-

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Applications

Electrical and Electronical