

HAB8720FR

(PBT+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	35	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	1600	MPa	ASTM D 790
Flexural Strength	550	MPa	ASTM D 790
Izod Impact notched, 1/8 in	180	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	88	°C	ASTM D 648
Electrical properties			
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1180	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	220 - 250	°C	-
Mold temperature	50 - 80	°C	-

Characteristics**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Applications

Automotive, IT / Business Machine, Electrical and Electronical