

**HAB8740**

(PBT+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	47	MPa	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Flexural Modulus	1700	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Izod Impact notched, 1/8 in	700	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	90	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1130	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	220 - 250	°C	-
Mold temperature	50 - 80	°C	-

**Characteristics****Processing**

Injection Molding

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific