

HBG5710

(PBT+ASA)-GF10

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	80	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	4000	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Izod Impact notched, 1/8 in	65	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	110	°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	1150	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	230 - 260	°C	-
Mold temperature	50 - 80	°C	-

Characteristics**Chemical Resistance**

General Chemical Resistance

Regional Availability

Asia Pacific

Applications

Electrical and Electronical