

HAM8580

(PMMA+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.5	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	65	MPa	ASTM D 638
Elongation at Break	16	%	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	80	MPa	ASTM D 790
Izod Impact notched, 1/8 in	45	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	95	°C	ASTM D 648
Vicat Temperature	105	°C	ASTM D 1525
Electrical properties			
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1170	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	235 - 245	°C	-
Mold temperature	40 - 80	°C	-
Zone 1	210 - 220	°C	-
Zone 2	220 - 230	°C	-
Zone 3	240 - 260	°C	-
Nozzle temperature	230 - 250	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	1 - 5	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Asia Pacific

Features

High Gloss, Scratch Resistant