

HM0560 is high impact, high flexural strength, excellent mechanical properties and chemical resistance ABS grade.

Features: Dimensional stability and paint ability.

Processing Method: injection molding

Application: watches, toys, cassette recorders and etc.

Description

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C/5KG)	gr/10min	ASTM D-1238	2.5
IZOD IMPACT STRENGTH (NOTCHED) (@23±2°C & HUMIDITY: 50±5%)	Kj/m ²	ASTM D-256	13
VICAT SOFTENING POINT (50N LOAD&50°C/HR)	°C	ASTM D-1525	107
BULK DENSITY	Kg/m ³	ASTM D-1895	600
TENSILE STRENGTH AT YEILD	Kgf/cm ²	ASTM D-638	520
TENSILE STRENGTH AT BREAK	Kgf/cm ²	ASTM D-638	470
ELONGATION AT YEILD	%	ASTM D-638	4
ELONGATION AT BREAK	%	ASTM D-638	40
FLEXURAL STRENGTH AT YIELD	Kgf/cm ²	ASTM D-790	600
FLEXURAL MODULUS	Kgf/cm ²	ASTM D-790	19500
HDT(0.45 MPA &120°C/HR)	°C	ASTM D-648	85
ROCKWELL HARDNESS(AT 23°C)	-	ASTM D-785	112 R SCALE
FLAMMABILITY	-	UL94	HB
SHRINKAGE	%	ASTM D-955	0.50

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)

Note: Drying prior to processing is recommended in a desiccant de humidifying hopper dryer. An inlet air dew point of 20°F (-29°C) or below is recommended to achieve a moisture content 0.1%. Typical drying conditions are 2 hours at 180°-190°F (82° - 88°C). Drying for 4 hours at 160° - 170°F (71°-77°C) is also adequate.