

Technical Data Sheet

**ABS & PC Alloy (Engineering Plastics)
HAC 8250**

Features High Impact Strength
Applications Head lamp housing, Phone booth, Computer housing

Physical	Test Method	Value
Density	ASTM D792	1.13 g/cm ³
Melt Flow Index (230°C, 21.6kg)	ASTM D1238	56 g/10min
Mold Shrinkage	ASTM D955	0.5 ~ 0.7 %
Water absorption	ASTM D570	- %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	550 kg/cm ²
Elongation	ASTM D638	100 %
Flexural Strength	ASTM D790	780 kg/cm ²
Flexural Modulus	ASTM D790	22,000 kg/cm ²
Izod Impact Strength(6.4mm)	ASTM D256	45 kg-cm/cm
Rockwell Hardness(R scale)	ASTM D785	116

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	106 °C (223) (°F)
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	116 °C (241) (°F)

Flammability	Test Method	Value
Flame Rating - UL (1.6mm)	UL 94	HB

Notes

These are just typical properties, not specifications. Users should confirm results by their own test.