

Technical Data Sheet

ABS & PC Alloy (Engineering Plastics)

HAC 8250NH

Features Non-Halogen Flame Retardancy

Applications Computer Housing

Physical	Test Method	Value
Density	ASTM D792	1.17 g/cm ³
Melt Flow Index (200°C, 21.6kg)	ASTM D1238	80 g/10min
Mold Shrinkage	ASTM D955	0.4 ~ 0.6 %
Water absorption	ASTM D570	- %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	540 kg/cm ²
Elongation	ASTM D638	50 %
Flexural Strength	ASTM D790	750 kg/cm ²
Flexural Modulus	ASTM D790	23,000 kg/cm ²
Izod Impact Strength(3.2mm)	ASTM D256	60 kg-cm/cm
Izod Impact Strength(6.4mm)	ASTM D256	30 kg-cm/cm
Rockwell Hardness(R scale)	ASTM D785	115

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	80 °C (178) (°F)
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	113 °C (235) (°F)

Flammability	Test Method	Value
Flame Rating - UL (1.6mm)	UL 94	V-0

Notes

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