

Technical Data Sheet

High Gloss Resins (Engineering Plastics)

HAM 8560A

Features High Impact, High Gloss
Applications LCD TV housing, Housings for electricla appliances

Physical	Test Method	Value
Density	ASTM D792	1.06 g/cm ³
Melt Flow Index (220°C, 10kg)	ASTM D1238	28 g/10min
Mold Shirinkage	ASTM D955	0.4 ~ 0.7 %
Water absorption	ASTM D570	- %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	520 kg/cm ²
Elongation	ASTM D638	35 %
Flexural Strength	ASTM D790	680 kg/cm ²
Flexural Modulus	ASTM D790	22,000 kg/cm ²
Izod Impact Strength(6.4mm)	ASTM D256	13 kg-cm/cm
Rockwell Hardness(R scale)	ASTM D785	114

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	86 °C (187) (°F)
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	°C (°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.