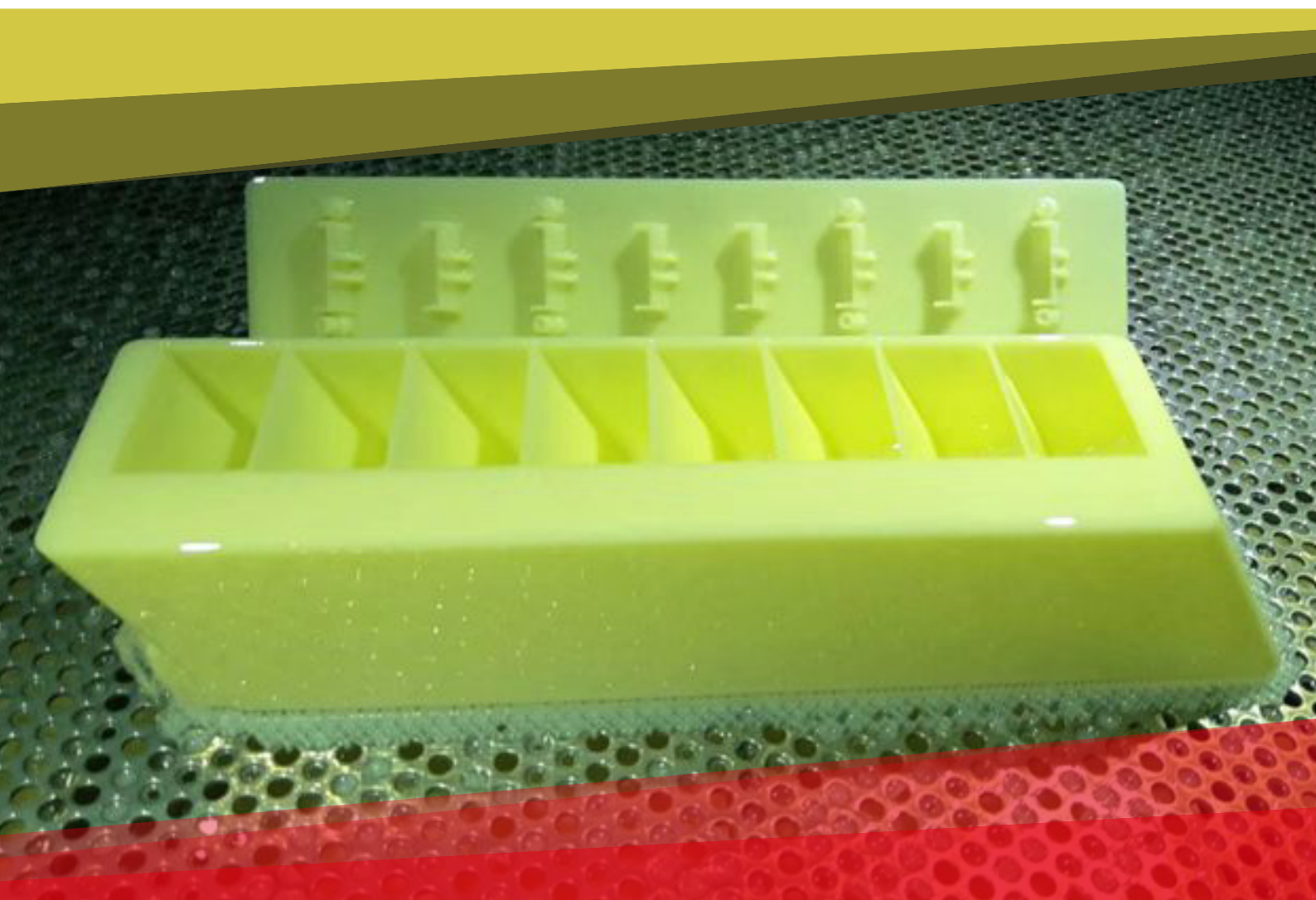


TECHNICAL DATA

KS85HT

Product Demonstration

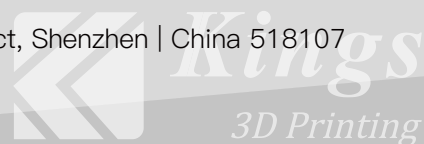


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Material Overview

KS85HT is an ABS-like stereolithography resin with precise and high temperature resistance. It is used in SLA stereolithography 3D printing technology. It is gorgeous green appearance, medium viscosity, easier to coat and clean.

Advantages

- Fast printing speed
- Excellent high temperature resistance and durability
- Excellent processability and toughness
- Only minimal component modification is required

Ideal Applications

- Dental, toys, molds, automotive, aerospace, concept models, general parts

Technical Datasheet

Physical Properties – Liquid Material

Appearance	Green	Dp	0.135–0.155mm
Viscosity	360–400cps@25°C	Building layer thickness	0.05–0.12mm
Density	1.11–1.14g/cm ³ @25°C	Ec	9–12mJ/cm ²

Mechanical Properties of Post-Cured Material

Hardness Shore D	78–82
Flexural modulus.Mpa	2650–2750
Flexural strength.Mpa	60–75
Tensile modulus. MPa	2150–2370
Tensile strength. MPa	25–30
Elongation at break	12–17%
Impact strength notched Izod, J/m	55–65
Heat deflection temperature, °C	75–85
Glass transition temperature, °C	74–80
Density. g/cm ³ @ 25°C	1.11–1.14

Recommended temperature for processing and storage of the above resin should be 18°C–25°C.

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