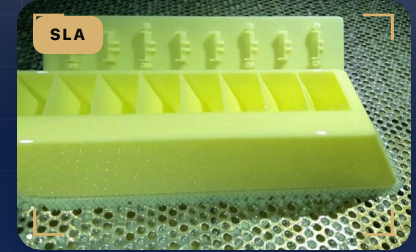


SLA · RESIN

Heat-Resistant Resin — KS85HT

Resin

High-temperature-resistant green ABS-like SLA resin with excellent precision and easy post-processing.


25–30 MPa

TENSILE

12–17 %

ELONGATION

78–82

SHORE D

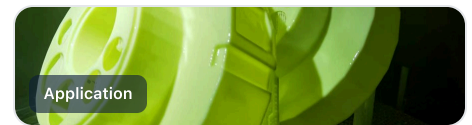
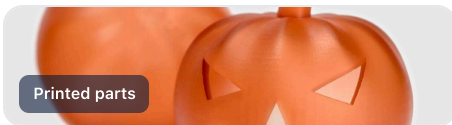
75–85 °C

HDT

MATERIAL OVERVIEW

High-temperature-resistant green ABS-like SLA resin with excellent precision and easy post-processing.

PRINTED IN THIS MATERIAL



HIGHLIGHTS

- **Density:** 1.11-1.14 g/cm³
- **Viscosity:** 360-400 cps @25°C
- **Modulus:** 2150-2370 MPa
- **Flexural:** 60-75 MPa

MECHANICAL PROPERTIES

| PROPERTY | VALUE | UNIT |
|------------------|-----------|------|
| Shore D | 78–82 | |
| Tensile | 25–30 | MPa |
| Modulus | 2150–2370 | MPa |
| Elongation | 12–17 | % |
| Flexural | 60–75 | MPa |
| Flexural modulus | 2650–2750 | MPa |

IDEAL APPLICATIONS

Dental

Toys

Molds

Automotive

Aerospace

Concept models

General parts

PHYSICAL & THERMAL

| PROPERTY | VALUE | UNIT |
|-----------|-----------|-------------------|
| Density | 1.11–1.14 | g/cm ³ |
| Viscosity | 360–400 | cps @25°C |
| HDT | 75–85 | °C |
| Tg | 74–80 | °C |


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