

TECHNICAL DATA

KS908C

Product Demonstration



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Material Overview

KS908C is a brown color SLA resin for accurate and detailed parts. With fine textures, temperature resistance and good strength, KS908C is specially developed for printing shoe maquette/ shoe sole master models, and quick mold for PU sole, but it's also popular with dental, art & design, statue, animation and film.

Advantages

- Highly accurate
- Fine surface texture
- Clear edges and corners
- Good moisture resistance

Ideal Applications

- Shoe models
- Dental
- Art and design
- Statue
- Animation film

Technical Datasheet

Liquid Properties		Optical Properties	
Appearance	Brown	Dp	0.135-0.155 mm
Viscosity	405-505 cps @28 °C	Ec	9-12 mJ/cm²
Density	1.11-1.14g/cm³ @25 °C	Building layer thickness	0.1-0.15mm

Mechanical Properties		UV Postcure
MEASUREMENT	TEST METHOD	VALUE
Hardness, Shore D	ASTM D 2240	74-80
Flexural modulus, Mpa	ASTM D 790	2,650-2,750
Flexural strength, Mpa	ASTM D 790	60- 75
Tensile modulus, MPa	ASTM D 638	2,150-2,370
Tensile strength, MPa	ASTM D 638	25-30
Elongation at break	ASTM D 638	12 -20%
Impact strength, notched Izod, J/m	ASTM D 256	58 - 70
Heat deflection temperature, °C	ASTM D 648 @66PSI	58-68
Glass transition, Tg, °C	DMA, E"peak	55-70
Density, g/cm3		1.14-1.16

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

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