

TECHNICAL DATA

KS908C

Product Demonstration



Shenzhen Kings 3D Printing Technology Co., Ltd

Floor 14-15, Building 3-A, Yunzhi Science Park, Gongming Street, Guangming District, Shenzhen | China 518107

Jiangxi Kings 3D AM Tech Co., Ltd

Xiabu Town, Xiangdong District, Pingxiang City, Jiangxi Province | China 337022



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/cm ²
Density	1.11–1.14g/cm ³ @ 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/cm ³		1.14–1.16

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

The above data are based on our current knowledge and experience, the values of which may vary and depend on individual machine processing and post-curing practices. The safety data given in above is for information purposes only and does not constitute a legally binding MSDS. The relevant MSDS can be obtained upon request from your supplier or you may contact Kings 3D directly at "info@kings3dprinter.com"

Web: www.kings3dprinter.com

Email: Info@kings3dprinter.com

Follow us on    @kings3dprinter



Kings
3D Printing