



JSADD 3D Printing Service Provider

JSADD·3D



KS198S

Technical Data



Material Overview

KS198S is a white, flexible SLA resin with features of high toughness, high elasticity and soft touch. It's ideal for printing shoe prototype, rubber wrap, biomedical model and other rubber like parts.

Advantage

- > High flexibility
- > Good tear resistance
- > Highly accurate
- > Excellent white color

Ideal Applications

- > Footwear
- > Prototypes need rubber like material
- > Soft white display models

Technical Datasheet

Liquid Properties		Optical Properties		
Appearance	White	Dp	0.125mm	[slope of cure-depth vs. ln (E) curve]
Viscosity	560 cps @ 30 °C	Ec	13.5 mJ/cm ²	[critical exposure]
Density	1.1g/cm ³ @ 25 °C	Building layer thickness	0.08–0.12mm	

Mechanical Properties		Test Temp< TG	Test Temp> TG
Measurement	GB Method	Value	Value
Tensile strength	GB/T 1040.1–2006	13 MPa	5 MPa
Elongation at break	GB/T 1040.1–2006	85%	80%
Hardness, shore A	GB/T 2411–2008	82 A	83 A
Tearing strength	GB/T 529–1999	33 kN/m	14 kN/m
Glass transition	DMA, tanθ peak	24 °C	24 °C

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

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