

# DIGITALWAX® DC 500

Unspecified

DWS Systems

## Message:

Photosensitive Resin for DigitalWax® J Series Stereolithography Systems

DC500 Casting Resin was specially developed for direct investment casting of jewelry models. DC500 Casting Resin allows the building of detailed parts with high quality resolution and smooth surfaces which do not require any other manual finishing.

The elasticity of the DC500 Casting Resin allows you to set the stones directly in the resin model. DC500 Casting Resin is the perfect material for thin wire patterns which are impossible to be replicated using rubber moulding methods.

### Features

Smooth surface

High resolution

High accuracy

No further manual finishing needed

General Information		
Features	Good Surface Finish	
Uses	Jewelry	
	Modeling Material	
	Mold Making	
	Patterns	
Appearance	Transparent - Slight Yellow	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Viscosity <sup>1</sup> (25°C)	400 to 600	mPa · s
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	48	
Mechanical	Nominal Value	Unit
Flexural Modulus	95.0	MPa
Flexural Strength	5.20	MPa
NOTE		
1.	Liquid Resin	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

