



DC 100 Casting resin

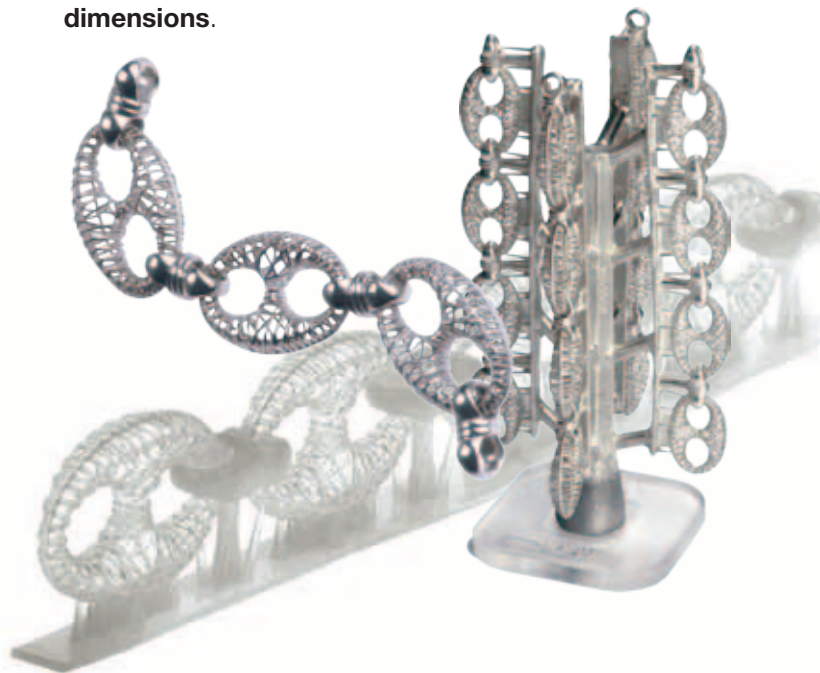
Photosensitive Resin for DigitalWax® J Series
Stereolithography Systems

Features

- Smooth surface
- High resolution
- High accuracy
- No further manual finishing needed

Hints for design

DC100 Casting Resin is suitable for direct casting of jewelry models. Models made of DC100 Casting Resin **have perfectly stable and accurate shapes and dimensions.**



DIGITALWAX® J Resins

In its continuous effort to offer new products to meet the most demanding requirements, DWS offers a new generation of high-performance SLA photosensitive resins for direct casting and for the production of master models for rubber moulds.

DC Series: resins for direct casting

DC100 Casting Resin was specially developed for **direct investment casting of jewelry models.** DC100 Casting Resin allows the **building of detailed parts with high quality resolution**, dimensional accuracy and smooth surfaces which do not require any other manual finishing.

Technical characteristics of the liquid material

Environmental values for use	22°C – 25°C – max. RH 40%-60%
Appearance/colour	slightly yellow clear liquid
Viscosity	400-600 mPa·s at 25°C

Technical characteristics of the resin parts after UV post-curing

Hardness (Shore D)	74
Flexural Strength (MPa)	18.6
Flexural Modulus (MPa)	286
Application/Use	for direct casting of jewelry patterns

DC100 Casting Resin can be used in the whole DigitalWax® J range