

DIGITALWAX® DC 550

Unspecified

DWS Systems

Message:

Photosensitive Resin for DigitalWax® J Series Stereolithography Systems

DC550 Casting Resin is a high performance material specially developed for the direct casting of the finest jewelry patterns. The main characteristic of this material is the capability of building detailed parts with high quality resolution and smooth surfaces which do not require any other manual finishing.

DC550 Casting Resin allows the building of the finest details and extremely smooth surfaces in order to reduce or even eliminate the manual finishing and proceed immediately with the direct casting procedure according to a simple burn out cycle. DC550 is the ideal material for special applications such as filigrees, stone pre-setting, micropavé, multiple parts and chains.

Features

Smooth surface

High resolution

High accuracy

No further manual finishing needed

General Information		
Features	Good Surface Finish	
Uses	Jewelry	
	Mold Making	
	Patterns	
Appearance	Light Green	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Viscosity ¹ (25°C)	400 to 600	mPa · s
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	47	
Mechanical	Nominal Value	Unit
Flexural Modulus	130	MPa
Flexural Strength	5.30	MPa
NOTE		
1.	Liquid Resin	

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Recommended distributors for this material

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