

DIGITALWAX® DM 210

Unspecified

DWS Systems

Message:

Photosensitive Resin for DigitalWax® J Series Stereolithography Systems

DM210 Moulding Resin is a nano-filled ceramic resin specially developed for rubber moulding applications, including VLT, liquid silicones and vulcanized rubber at medium-low temperatures (max. 90°C).

DM210 Moulding Resin is suitable both for thin and thick models. DM210 Moulding Resin can be used to make rubber moulds with liquid silicones and rubber vulcanized at a maximum temperature of 90°C. Models made of DM210 resin can be removed easily from the rubber mould and they can also be broken, allowing you to carry out some difficult cuts that would be even impossible with a metal model. DM210 delivers extremely smooth surfaces and exceptionally precise and sharp details.

Features

Smooth surface

High resolution

High accuracy

No further manual finishing needed

General Information		
Filler / Reinforcement	Unspecified Nano	
Features	Filled	
	Good Mold Release	
	Good Surface Finish	
Uses	Jewelry	
	Modeling Material	
	Mold Making	
	Thick-walled Parts	
	Thin-walled Parts	
Appearance	Blue	
	Opaque	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Viscosity ¹ (25°C)	2.00 to 3.00	Pa · s
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	87	
Mechanical	Nominal Value	Unit
Flexural Modulus	2510	MPa
Flexural Strength	77.8	MPa
NOTE		
1.	Liquid Resin	

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