DIGITALWAX® DM 220

Unspecified

DWS Systems

Message:

Photosensitive Resin for DigitalWax® J Series Stereolithography Systems
DM220 Moulding Resin is a nano-filled ceramic resin specially developed for rubber moulding applications, including VLT, liquid silicones and vulcanized rubber at medium-high temperatures (max.180-200°C).
DM220 Moulding Resin is suitable for thick and thin models. DM220 Moulding Resin can be used to make liquid silicones and rubber vulcanized at a maximum temperature of 180-200°C. Models made of DM220 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. DM220 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)	94	
Mechanical	**Nominal Value**	**Unit**
Flexural Modulus	7300	MPa
Flexural Strength	102	MPa
NOTE		
1.	Liquid Resin	

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