

DIGITALWAX® IRIX

Unspecified

DWS Systems

Message:

Nano ceramic resin for direct printing, available in white, black, ivory, red, green.

Thanks to Irix® the revolutionary "digital stone" available in all colours, designers will have the possibility of developing their creativity without any shape limit or colour restriction. The creation of the stone is performed using nanotechnologies applied to the additive process, obtaining a biocompatible material having the main features of a natural stone. Now it is possible to manufacture directly the object from the STL file without using conventional tools and methods.

Features

Direct printing

High resolution

High accuracy

Wide color range

Advantages

Biocompatibility

No geometrical limit

Wide colour range

Maximum versatility for the manufacture of the finished product

Matching with precious metals.

General Information		
Features	Biocompatible	
Appearance	Black	
	Green	
	Ivory	
	Red	
	White	
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)	92	
Mechanical	Nominal Value	Unit
Tensile Modulus	2060	MPa
Tensile Strength	37.0	MPa
Tensile Elongation (Break)	5.0	%
Flexural Modulus	2610	MPa
Flexural Strength	80.8	MPa
NOTE		
1.	Liquid Resin	

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Recommended distributors for this material

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