

DIGITALWAX® DS 3000

Unspecified
DWS Systems

Message:

Photosensitive Resin for DigitalWax® D Series Stereolithography Systems

DS 3000 Bio-Compatible resin is specially developed for production of high precision surgical guide as dental drill guides and all the applications that requires a limited contact with the body. It works directly from intraoral digital capture devices, as a replacement of the traditional physical ones.

Features

Smooth surface

High resolution

High accuracy

Durable

Transparent

General Information		
Features	Biocompatible	
	Durable	
	Good Surface Finish	
Uses	Dental Applications	
	Medical Devices	
	Medical/Healthcare Applications	
Appearance	Transparent - Slight Yellow	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Viscosity ¹ (25°C)	600 to 800	mPa · s
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	87	
Mechanical	Nominal Value	Unit
Tensile Modulus	1340	MPa
Tensile Strength	30.0	MPa
Tensile Elongation (Break)	7.0	%
Flexural Modulus	2110	MPa
Flexural Strength	94.6	MPa
Thermal	Nominal Value	Unit
Deflection Temperature Under Load (0.45 MPa, Unannealed)	55.0	°C
NOTE		
1.	Liquid Resin	

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Recommended distributors for this material

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