



RD 096 Digital Impression Resin

Photosensitive Resin
for DigitalWax® D Series Stereolithography Systems

Features

- Seven colors available
- Smooth surface
- Stone-like appearance
- High resolution
- High accuracy
- Durable



DIGITALWAX® D Resins

In its continuous effort to offer new products to meet the most demanding requirements, DWS offers a new generation of high-performance SLA photosensitive resins for direct casting and for the production of digital impression models.

RD Series: resins for dental models

RD096 Digital Impression Resin is a **nano-filled stone-like resin** specially developed for the production of impression models directly from intraoral digital capture devices, as a replacement of the traditional physical impression.

The ceramic base allows to build parts with extremely smooth surfaces and really high resolution details.



Technical characteristics of the liquid material

Environmental values for use	22°C – 27°C – max. RH 40%-60%
Appearance/colour	Opaque colored liquid
Viscosity	2000-3000 mPa·s at 25°C

Technical characteristics of the resin parts after UV post-curing

Hardness (Shore D)	92
Flexural Strength (MPa)	85.5
Flexural Modulus (MPa)	3120
HDT @ 0.46MPa (°C)	85
Application/Use	Digital impression models

RD096 Resin can be used in the DigitalWax D Series machines: 020D, 028D, 029D, 030D.