

## PRECISA RD097

### Technical Data Sheet

TDS EN\_PRECISARD097\_102019



### THE MATERIAL FOR DENTAL MODELS

PRECISA RD097 was developed in order to obtain dental models from intraoral scanning and replace the traditional gypsum model. Its major peculiarity is to be resistant to scratches.

### FEATURES

- Scratchproof
- Smooth Surface
- High Resolution
- High Accuracy
- High Resistance
- Peach Colour

### THE PRECISA SERIES

The Precisa series includes all those materials suitable for the production of models requiring high accuracy and precision. These materials are developed and produced in-house by DWS.

### TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / Peach
Density	1,12 g/cm <sup>3</sup>
Viscosity	1100 ~ 1600 mPa·s at 25°C

### TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Elongation at Break (%)	6 ~ 9
Hardness (Shore D)	82 ~ 86
Tensile Modulus (MPa)	30 ~ 42
Tensile Strength (MPa)	850 ~ 1600
Flexural Strength (MPa)	50 ~ 75
Flexural Modulus (MPa)	1200 ~ 1700
HDT @ 1.81 MPa	48 ~ 59
Application / Use	Digital Impression Models

Technical specification subject to change without notice.

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