



# HARZ Labs

MATERIALS FOR 3D PRINTING

## Dental RO

X-ray contrast polymer designed for printing CT patterns to facilitate subsequent alignment of the scanned jaw and CT scan

Dental RO Photopolymer contains a special radiopaque filler for obtaining a clear picture when conducting a CT scan. Material made in white from biocompatible raw materials, durable and accurate.

When CT is removed, the edge of the model is sharp, without graininess, which makes it easy to compare the results of a computer tomogram and a simulated model to obtain the exact location of the roots of the teeth and the exact planning of the operation.

Characteristics	Value
Appearance	Opaque liquid
Color	White
Odor	Odorless
Viscosity (Brookfield)	1,1-1,5 Pa*s
Tensile strength	30 N/mm <sup>2</sup>
Elongation at break	2-4%
Hardness Shore D	75
Shrinkage	0,5%

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DENTAL  
RO

1kg

# ПРЕИМУЩЕСТВА



## Biocompatible

Produced from biocompatible raw material used in photopolymer teeth fillings. Meets the standard ISO 10993



## Odorless

Resins are odorless and cause no irritation, so you can work with natural ventilation without special technique



## Low shrinkage

Shrinkage less than 0,5% gives you the same size like 3D model on your computer



## Accurate

Provides high precision printing and fitting after casting



## X-ray contrast

The printed product is radiopaque, which allows the use of printed templates for patient CT

## COMPITABLE PRINTERS



ASIGA



**PRUSA**  
RESEARCH  
by JOSEF PRUSA

zortrax

MoonRAY



**FLASHFORGE**

