



HARZ Labs

MATERIALS FOR 3D PRINTING

Dental Yellow Clear

Designed for surgery guide modelling. Precise, transparent, very tough and hard, odorless. Satisfy the requirements ISO 10993

Dental Yellow Clear is hard PMMA-like resin, made of biocompatible raw materials that used in UV-cured dental fillings.

It has high hardness 92 Shore D and high tensile strength, stability to mechanical stress.

We recommend to use it for surgical guides and master-model printing. Low odor and absence of harmful monomers allows to print in the laboratory

HARZ Labs
MATERIALS FOR 3D PRINTING

DENTAL
YELLOW
CLEAR

1kg

Characteristics	Value
Appearance	Colored transparent liquid
Color	Transparent yellow
Odor	Odorless
Viscosity (Brookfield)	1-1,2 Pa*s
Tensile strength	60 N/mm ²
Elongation at break	4-6%
Hardness Shore D	90-92
Shrinkage	<0,5%

ADVANTAGES



Heat Resistant

Models has long-term stability under 100°C that make possible to cast it in cold and hot silicone molds



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



Biocompatible

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



Stable

Resin is very stable, you can leave it for a long time in the vat, no sedimentation and gel formation occur – no need to mix



Durable

Very high hardness and tensile strength

COMPITABLE PRINTERS



ASIGA



**PRUSA
RESEARCH**
by JOSEF PRUSA

zortrax

MoonRAY

