

HARZ Labs

MATERIALS FOR 3D PRINTING

Dental Clear

Designed for printing of transparent clear models, such as aligners, kappa. Precise, very tough and hard, transparent, odorless

Dental Clear resin is hard PMMA-like hard clear resin designed for printing models, used in dental application, where transparency is one of the main issues.

It can be demonstration models for operation planning, aligners, surgical guides

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DENTAL
CLEAR

1kg

Characteristics	Value
Appearance	Transparent liquid
Color	Clear transparent
Odor	Odorless
Viscosity (Brookfield)	0,9-1 Pa*s
Tensile strength	60 N/mm ²
Elongation at break	4-6%
Hardness Shore D	90-92
Shrinkage	<0,5%

ADVANTAGES



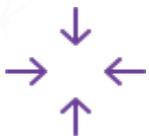
Liquid

The resin has relatively low viscosity. It decreases time for levelling, easy to clean to provide maximum accuracy at minimum time



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



Transparent

High transparency and low yellowing after post treatment



Durable

Very high hardness and tensile strength

COMPITABLE PRINTERS



ASIGA



PRUSA
RESEARCH
by JOSEF PRUSA

zortrax

MoonRAY



FLASHFORGE

