

HARZ Labs

MATERIALS FOR 3D PRINTING

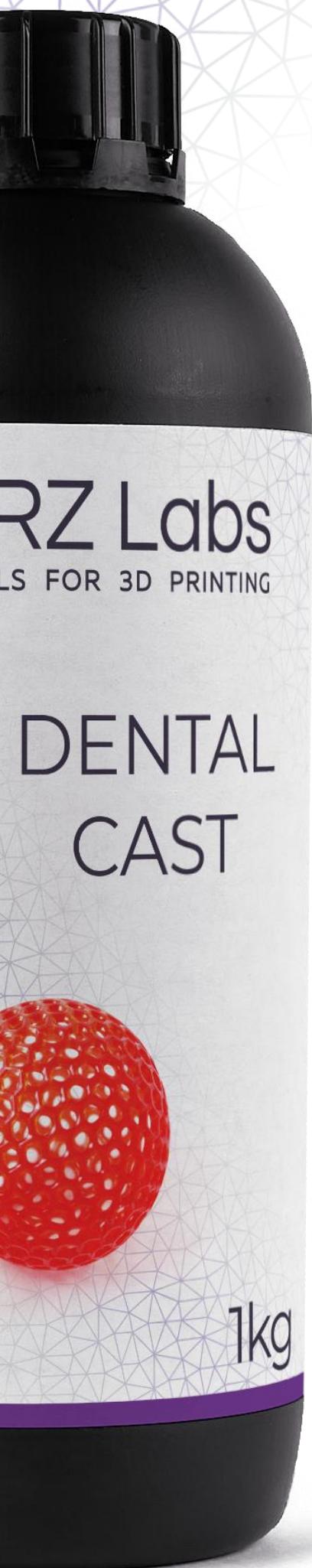
Dental Cast

Designed for printing models, used for direct casting. Zero ash content and ready to use in shock cycles makes it possible to obtain high quality castings

HARZ Labs Cast Resin is excellent for direct casting of dental implants like metal and ceramic crowns and bridges. Almost zero ash content (less than 0.1%) and thermoplastic properties makes the resin suitable for direct casting.

The resin was designed to burn out in a quick cycle at high temperature to reduce electricity costs and the production time of metal and ceramic implants.

Characteristics	Value
Appearance	Colored transparent liquid
Color	Red, Cherry
Odor	Low
Viscosity (Brookfield)	0,2-0,4 Pa*s
Ash content	<0,1%
Hardness Shore D	40-50
Shrinkage	<1%



ADVANTAGES



Accurate

Provides high precision printing and fitting after casting



Odorless

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



Low shrinkage

Shrinkage less than 1% gives you the same size like 3D model on your computer



Zero ash content

Close to zero ash content (<0.1%) and high strength makes it possible to cast precise metal and ceramic products



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



Easy to cast

Thermoplastic behavior of the resin provides melting in wide temperature window (250-300°C) to give very smooth surface of casted models

COMPITABLE PRINTERS



ASIGA



PRUSA
RESEARCH
by JOSEF PRUSA

zortrax

MoonRAY



FLASHFORGE

