

# HARZ Labs

MATERIALS FOR 3D PRINTING

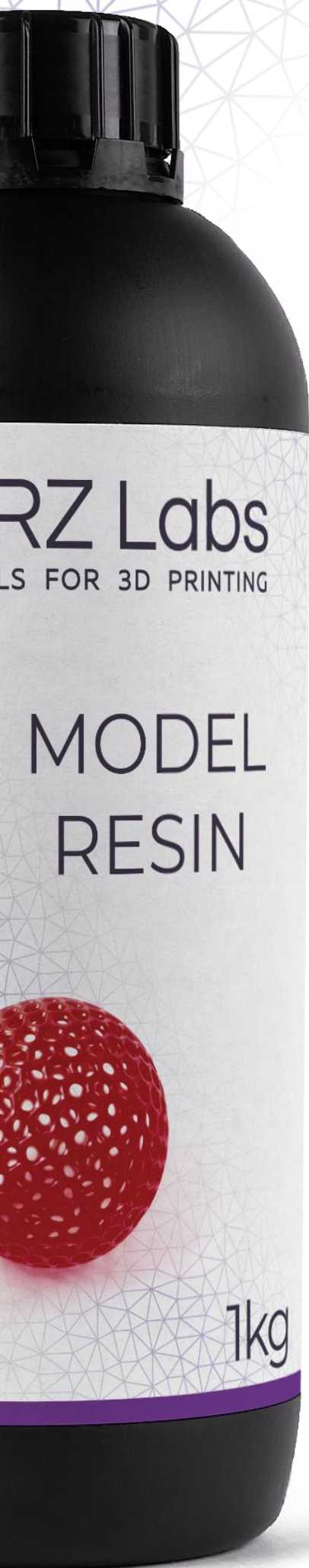
## Model Resin

Designed for printing models that have high requirements in mechanical properties. Durable, non-shrinking and odorless

The fully cured polymer is very hard and elastic the same time. This allows you to print functional parts that can withstand mechanical stress.

Cured models are resistant to decay and can withstand high temperatures (up to 100°C), which makes it possible to use models to create silicone molds by cold and hot vulcanization. Works with two-component silicones on both platinum and tin catalysts

Characteristics	Value
Appearance	Colored transparent liquid
Color	Clear, Natural Clear, Grey, Black, White, Cherry, Blue
Odor	Odorless
Viscosity (Brookfield)	0,8-1 Pa*s
Tensile strength	45 N/mm <sup>2</sup>
Elongation at break	4-6%
Hardness Shore D	87-92
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



## Safe

Resin does not contain solvents and volatile monomers, irritating compounds. No fumes, odor and allergic reaction



## 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



## Color

Wide color choice gives an advantage to the customer. Clear and White resins are specially for DIY tinting so you can easily get your own color shade

# COMPITABLE PRINTERS



ASIGA



PRUSA  
RESEARCH  
by JOSEF PRUSA

zortrax

MoonRAY



FLASHFORGE

