HARZ Labs

MATERIALS FOR 3D PRINTING

Basic Resin

Designed for daily use in 3D printers for printing models. Resin is odorless, models are rigid, low shrinkage and high accuracy

HARZ Labs Basic Resin is a good choice to do first steps in 3D printing. The absence of odor and low toxicity makes the resin ideal for use in the office, schools and universities. It is easy-to-operate with it due to low viscosity – easy to fill vat, to filter, to clean model and printer parts.

Resins is very accurate in wide area of curing time, that provide a good quality even at mistaken exposure, which reduces the time for learning 3d printing skills.

Characteristics	Value
Appearance	Colored transparent liquid
Color	Red
Odor	Odorless
Viscosity (Brookfield)	0,6-0,8 Pa*s
Tensile strength	20 N/mm²
Elongation at break	6-7%
Hardness Shore D	80-85
Shrinkage	2,5%

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

2,5% shrinkage gives you the same model size like 3D model on your computer

Safe

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

Hard

Resin is hard ang tough, showing 82 Shore D hardness, not brittle, you will never damage model separating it from the table

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

COMPITABLE PRINTERS

B9Creator

WANHAO

ASIGA

ANYCUBIC

PRUSA RESEARCH
by JOSEF PRUSA

zortrax

MoonRAY

FLASHFORGE

harzlabs.com