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# BASIC RESIN – colored

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Version 1.1

## Short description

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Pixel accurate printing (4K suitable)  
Barely noticeable smell  
Excellent material properties  
Developed and manufactured in Austria

## Description

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BASIC RESIN is a high-quality 3D printing resin from Austria. Mechanical properties of PLA and thermal properties of ABS (heat resistance 121°C) make this material a solid all-round resin for all applications. No matter if on DLP, LCD, standard or 4K 3D printers.

The resin was developed in Austria and is also produced in Austria with highest quality standards. The high-quality raw materials have been precisely chosen to enable pixel accurate prints with sharp edges and clear details. By using methacrylate, aggressive or particularly harmful ingredients could be avoided. Therefore, the resin is almost odorless.

## Colors for every occasion

BASIC RESIN is available in a wide color spectrum of transparent or opaque colors. There is something for every application.

## Advantages of BASIC RESIN

- Cost-effective all-round resin
- Highest detail accuracy and sharp contours
- Low odor and no aggressive ingredients
- excellent dimensional stability and low shrinkage
- Available in transparent and opaque colors with Resin COLORANT.

## Print settings

Suitable for all standard and 4K LCD and DLP 3D printers

### Recommended start settings for layers from 0.025-0.1mm

- 7-12 seconds exposure per shift
- 5-10 base layer

## Postprocessing

5. drain excess resin from the model above the resin tank
6. wash off remaining resin with isopropanol or resin cleaner.
7. carefully remove the model from the building board and existing support structures

8. allow to cure completely under UV LEDs 2-30 min depending on size and color of the model

## **Hazard and Precautionary Statements**

### **Pictograms**



GHS 07

### **Signal word**

Warning

### **Precautionary statements**

P273: Avoid release to the environment.

P280: Wear protective gloves/eye protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P50: Dispose of contents/container in accordance with national regulations.

### **Hazard statements**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H413: May cause long lasting harmful effects to aquatic life.