

# WP PerfectPrint 3D - castable

## Description:

WP PerfectPrint 3D - castable is a liquid resin for 3D printers for the production of castings. The material is suitable for SLA printers and shows a thin consistency which makes a heater unnecessary. WP PerfectPrint 3D - castable reproduces details very accurately and has a high flexural strength which reduces the work of the technician. The resolution in the direction of the Z-axis can be chosen from 25  $\mu$ , 50  $\mu$  und 100  $\mu$ . This is why the reproduction of tiny details is possible. Laser-curing is optimal with a wave length of 405 nm; post-curing is not necessary. The material burns out completely and without residue.

## Properties:

- Suitable for SLA printers
- Tested with the printer Form 2 of Formlabs
- Very good liquid consistency
- Laser-curing at 405 nm
- Not electrically conductive
- Burns out completely



## Advantages:

- Very good reproduction of details
- Dimensional stability
- Burns out completely, without residue
- No bad smell

## Indication:

For the production of castings.

## Physical data:

Exactness: Minimum XY: 50  $\mu$ ; Minimum Z: optionally 25  $\mu$ , 50  $\mu$ , 100  $\mu$   
Combustion temperature: 450 °C for 30 min., then 560 °C for a short while

**Storage conditions:** dry and protected from light at 0 - 22 °C

**Shelf life:** 3 years



## Presentation:

Product name	Item no.	
	1000 g/910 ml	500 g/455 ml
WP PerfectPrint 3D - castable (verbrennbar), blau-violett	WP5161	WP5162
WP PerfectPrint 3D - flexible, weiß	WP5145	WP5146
WP PerfectPrint 3D - flexible, rosa	WP5148	WP5149
WP PerfectPrint 3D - flexible, gelb	WP5151	WP5152
WP PerfectPrint 3D - flexible, grau	WP5153	WP5154
WP PerfectPrint 3D - flexible, blau	WP5155	WP5156
WP PerfectPrint 3D - black	WP5157	WP5158
WP PerfectPrint 3D - splint, transparent	WP5159	WP5160