

ANA Print

flexible 3D-resin

Description:

ANA Print flexible is a liquid resin for 3D printers for the production of dental models. The material shows a high flexural strength. The material is suitable for DLP or SLA printers and shows a thin consistency which makes a heater unnecessary. Laser-curing is optimal with a wave length of 385 - 405 nm. Post-curing with halogen light is required.

ANA Print flexible reproduces details very accurately and has a very high flexural strength which reduces the work of the technician. The resolution in the direction of the Z-axis can be chosen from 25µm, 50µm und 100µm.

ANA Print flexible is available in different colours: white, pink, yellow, yellow-opaque, grey, beige and blue.

Properties:

- Suitable for DLP or SLA printers
- DLP: Tested with the printer Asiga Max UV385
- SLA: Tested with the printer Form 2 of Formlabs
- Very good liquid consistency
- Laser-curing at 385 - 405 nm
- Not electrically conductive
- No bad smell
- Heat resistant
- Autoclavable up to 150°C
- Available in the colours white, pink, yellow, grey and blue

Advantages:

- Very good reproduction of details
- Dimensional stability
- High flexural strength
- Shrinkage only 1%

Indication:

- For the production of models.



Made in Germany

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Physical data:

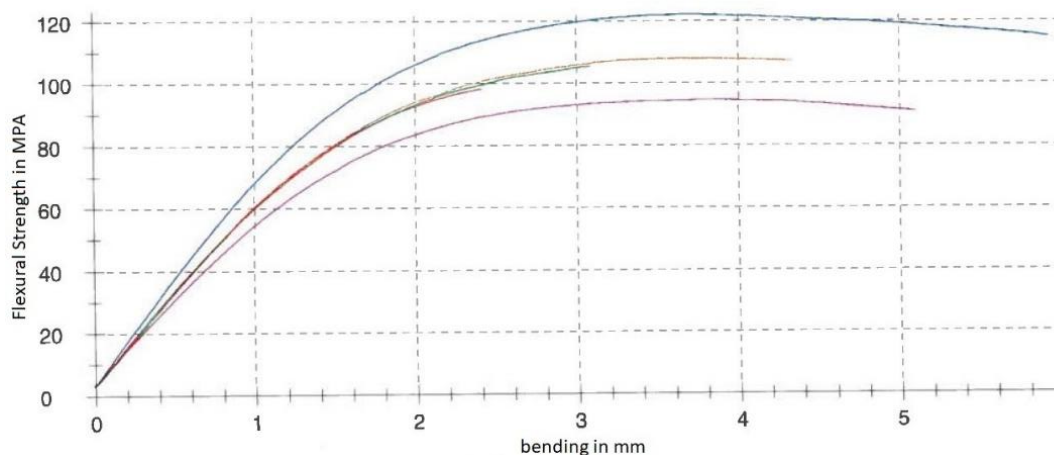
Exactness:	Minimum XY: 50 μ m; Minimum Z: optionally 25 μ m, 50 μ m, 100 μ m
Flexural strength:	100 MPa
Flexural modulus:	2208 (calculated)
Barcol hardness:	29
Post-curing:	2 x 20 min halogen
Shrinkage:	1 % after post-curing

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

Shelf life: 3 years

Graphic representation of the flexural strength:

The curves show that the test stick (25 mm x 2 mm x 2 mm) bend 3 mm before breaking at 100 MPa on average.



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Presentation:

Art. Nr.	Description
1600100	ANA Print Flexible SLA, White, 1000g
1600200	ANA Print Flexible SLA, Pink, 1000g
1600300	ANA Print Flexible SLA, Yellow, 1000g
1600400	ANA Print Flexible SLA, Grey, 1000g
1600500	ANA Print Flexible SLA, Blue, 1000g
1600700	ANA Print Flexible SLA, Beige, 1000g
1600800	ANA Print Flexible SLA, Yellow-Opaque, 1000g
1610100	ANA Print Flexible DLP, Grey, 1000g
1610200	ANA Print Flexible DLP, Yellow, 1000g
1610300	ANA Print Flexible DLP, Beige, 1000g
1610400	ANA Print Flexible DLP, Pink, 1000g



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