

ANA Print

splint 3D-resin

Description:

ANA Print splint is a liquid resin for 3D printers for the production of splints. The material is transparent and shows a high flexural strength which ensures that the material does not break while drilling. ANA Print splint is suitable for DLP and 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 splint 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 µm, 50 µm und 100 µm. The material is certified as medical device class IIa.

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 with wave length 385 - 405 nm
- Electrically not conductive
- No bad smell
- transparent
- Autoclavable up to 150° C

Advantages:

- Very good reproduction of details
- Dimensional stability
- High flexural strength
- Shrinkage only 1%
- Medical device class IIa



Indication:

- For the production of splints.

Made in Germany

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Physical data:

Exactness:	Minimum XY: 50 µm; Minimum Z: optionally 25 µm, 50 µm, 100 µm
Flexural strength:	90 MPa
Flexural modulus:	1786 (calculated)
Barcol hardness:	36
Post-curing:	2 x 20 min halogen
Shrinkage:	1 % after post-curing
Medical device:	class IIa

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

Shelf life: 3 years

Presentation:

Article no.	Product name, description
1601000	ANA Print Splint SLA, Transparent, 1000g
1611000	ANA Print Splint DLP, Transparent, 1000g


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