

Catalogue 2024

syntegre®



Our mission is to offer advanced and innovative solutions through a comprehensive integration of systems, processes, and practices. Drawing inspiration from the philosophy of Kaizen, we are dedicated to continuously improving our products to support and enhance our customers' processes for maximum efficiency and long-term success in their daily operations.

RELIABILITY | IMPROVEMENT | INNOVATION | SUPPORT

Syntegre is more than a company

it is a partner that not only delivers excellent products, but also inspires continuous improvement and innovation.

1

**Innovative
solutions
for dentistry**

We specialize in innovative solutions for dentistry. Our 3D resins and accessories are leading the industry, allowing dental technicians to achieve better results than ever before.

2

**We support you
every step of the
way**

Syntegre is more than just a supplier, it is a partner that offers technical support, knowledge and training, to help you realize the full potential of modern technology.

3

**We're committed
to continuous
improvement**

Our commitment to the kaizen philosophy means that we are continually improving our products and services to provide you with solutions that are always one step ahead.

EVOURE

CRAFTED FOR COMPATIBILITY

The rapid advancement of 3D technology has significantly transformed the daily work in the dental industry by opening new perspectives not only on diagnosis and treatment planning but also expanded possibilities for prosthetic work production and patient education. This underscores the crucial need for us to have a comprehensive understanding of the evolving challenges and requirements in this dynamic market.

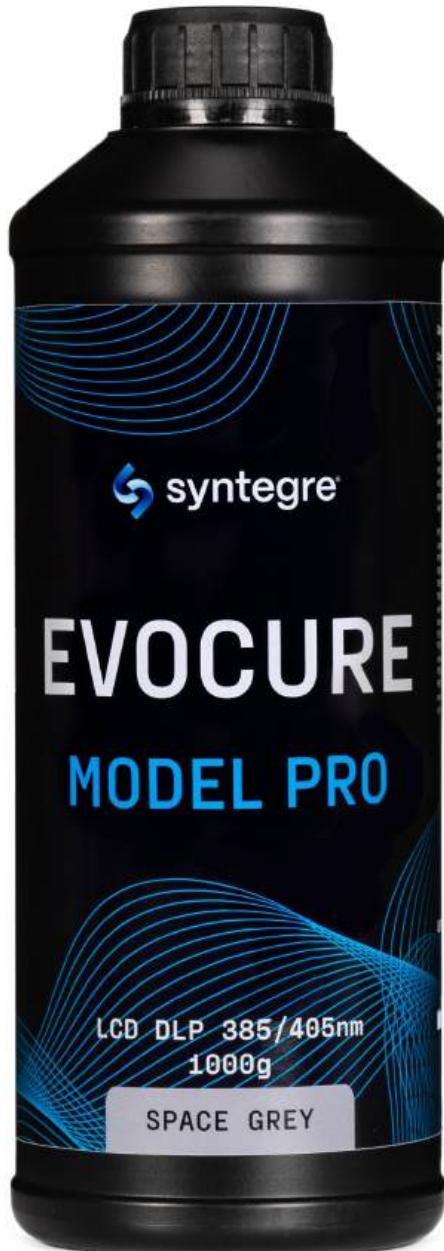
Created with compatibility in mind, EVOURE resins offer a state-of-the-art solution for 3D printing enthusiasts. Designed with low viscosity in mind, they increase printing efficiency, facilitate easy cleaning, and reduce residue build-up during the printing process. Our resins are available in 385nm and 405nm wavelengths, making them suitable for both DLP and LCD printers, ensuring versatility in printing configurations.



Featuring high reactivity, EVOCURE resins enable high-speed printing, even on inexpensive, less powerful printers.

Our fast-reacting and wavelength-flexible resins have shorter per-layer exposure times, minimizing optical wear and enhancing ergonomic performance.

The combination of low viscosity and high reactivity, along with carefully chosen colour parameters, lead to exceptional print detail and sharpness, accurately capturing even the smallest details.



EVOCURE MODEL PRO

ADVANCED 3D PRINTING RESIN FOR DENTAL MODELS

This specially formulated resin is designed for creating full or hollow dental models and delivers exceptional performance, even in the most challenging scenarios. With features such as high temperature resistance, ultra precision, and high surface hardness, it guarantees precise and long-lasting results in harsh environments. Customized colours, specially chosen by leading dental technicians, enhance the visibility of preparation edges and seamlessly integrate with the prosthetic dental process.

APPLICATIONS

- implant models
- crowns and bridges models
- thermoformable splints models
- master models
- wax-up models



Low viscosity

EVOCURE resins come with high fluidity, making the printing process easier and faster, facilitate cleaning with reduced material loss.



Efficiency

High reactivity and versatility of wavelength of EVOCURE resins lead to a short exposure time for printed layers, reducing wear on the optics and offering high ergonomics.



Incredible details

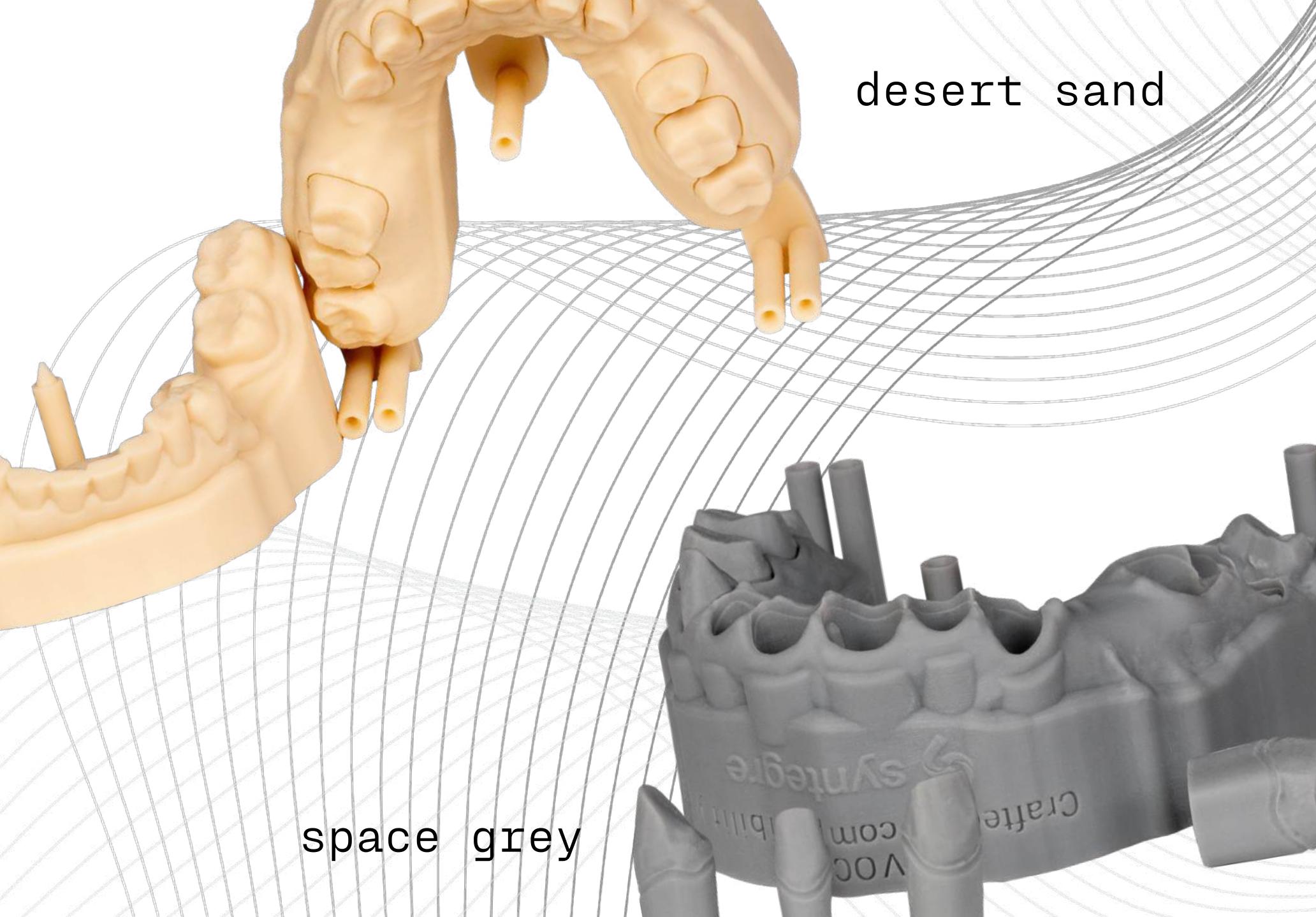
Low viscosity, high reactivity and selected colour parameters translate into prints with high details and sharpness, capturing even the tiniest elements.



Temperature resistance

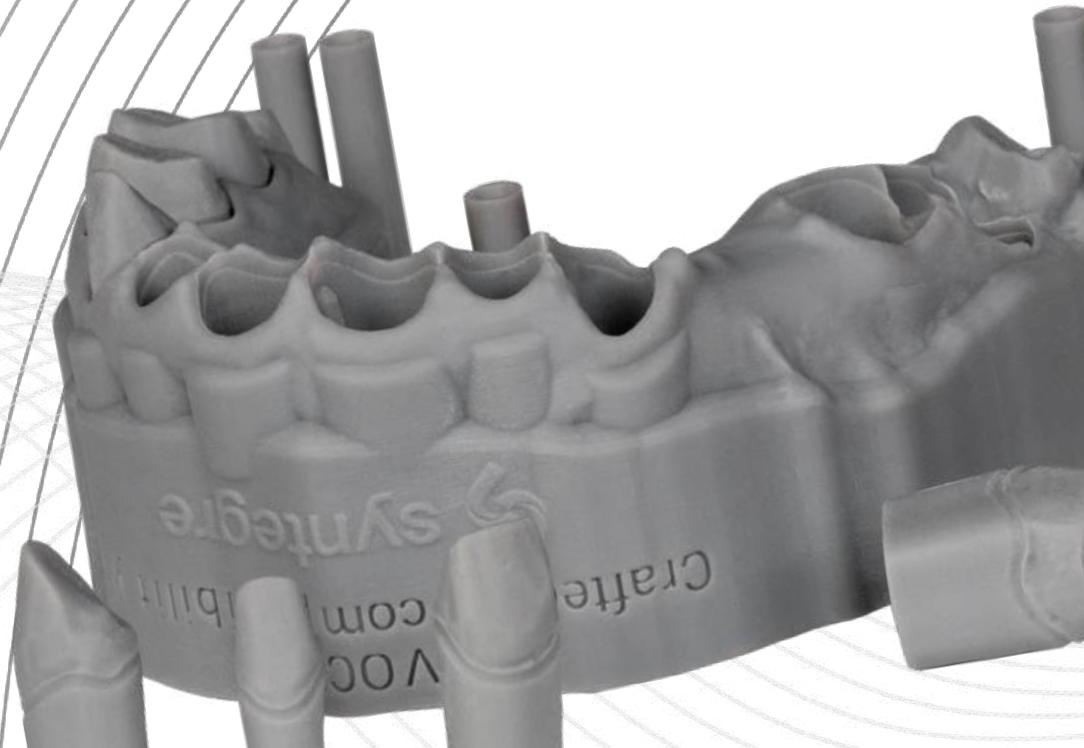
A special formula ensures models don't deform, and thermoforming rails can be easily separated from the model without any damage.





desert sand

space grey





EVOCURE MODEL

3D PRINTING RESIN FOR DENTAL MODELS

Discover an affordable yet reliable solution that meets all your basic needs for dental model printing with our EVOCURE MODEL resin. This resin guarantees the precise details reproduction, making it an excellent cost-effective choice for your dental modelling needs. Achieve highly accurate models with smooth and pore-free surfaces, providing a solid foundation for your dental restorations. The resin's excellent colour and opacity enhance visibility and highlight details on the model.

APPLICATIONS

- orthodontic models
- diagnostic models
- demonstration models
- antagonist models
- control models
- wax-up models



Low viscosity

EVOCURE resins come with high fluidity, making the printing process easier and faster, facilitate cleaning with reduced material loss.



Efficiency

High reactivity and versatility of wavelength of EVOCURE resins lead to a short exposure time for printed layers, reducing wear on the optics and offering high ergonomics.



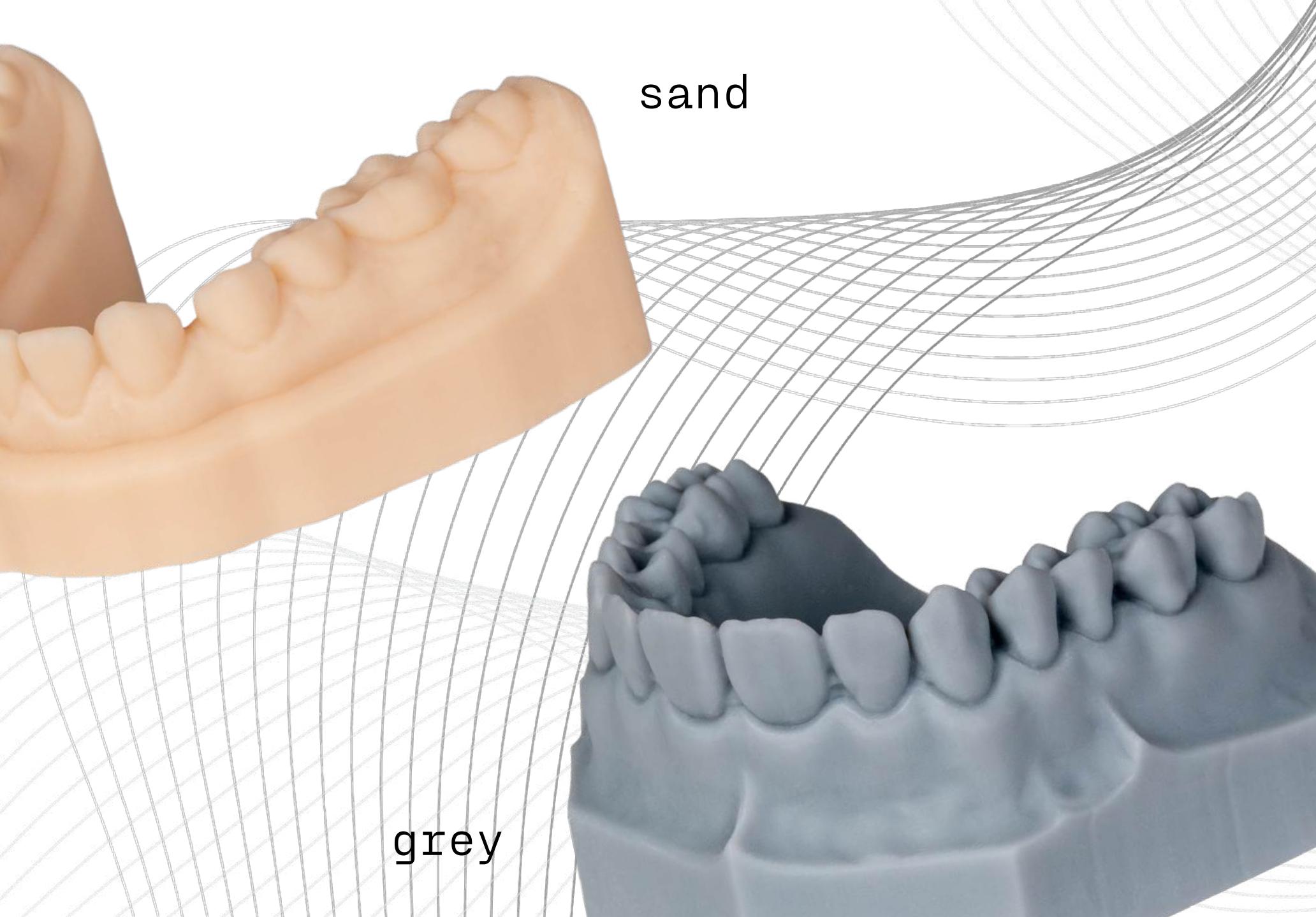
Colours

The colours and their opacities, are refined in collaboration with dental technicians to ensure work comfort and perfect detail reproduction.



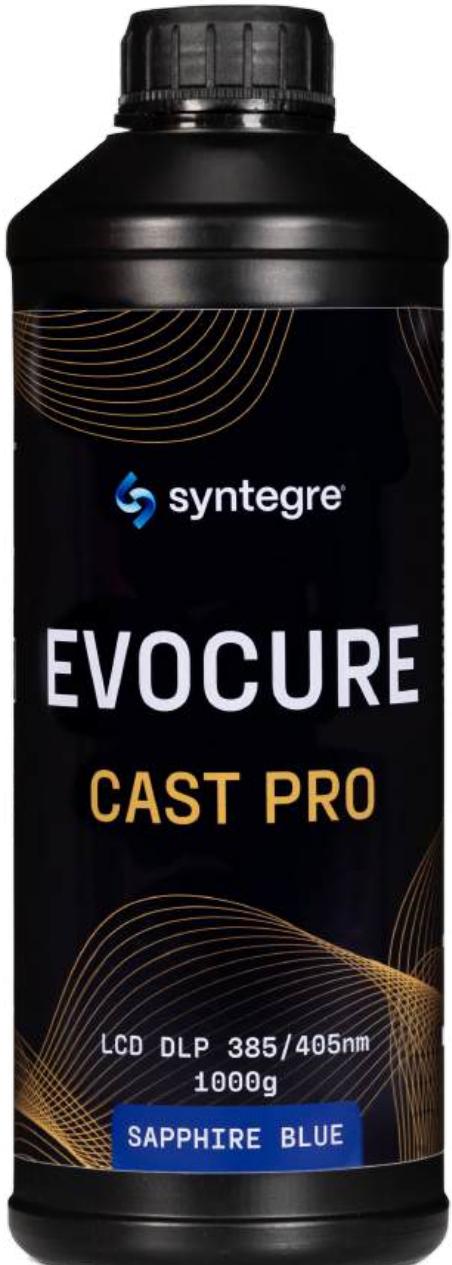
Low odour

By minimizing the resin's smell we prioritize safety and comfort in your work environment, ultimately improving quality and satisfaction in your daily tasks.



sand

grey



EVOCURE CAST PRO

3D PRINTING RESIN FOR PRECISION CASTING

EVOCURE CAST PRO resin serves as a foundation for high-precision castings such as crowns, bridges, framework prostheses and implant structures. It guarantees accurate results without any contamination issues, as printed parts burn out completely, leaving no residue. The universal formula guarantees compatibility with LCD/DLP 3D printers with a wavelength range of 385nm and 405nm. The specially adapted Sapphire Blue colour enhances visibility, allowing even the tiniest details to stand out.

APPLICATION

- crowns and bridges
- Frameworks
- Implant structures



Low viscosity

EVOCURE resins come with high fluidity, making the printing process easier and faster, facilitate cleaning with reduced material loss.



Efficiency

High reactivity and versatility of wavelength of EVOCURE resins lead to a short exposure time for printed layers, reducing wear on the optics and offering high ergonomics.



Incredible details

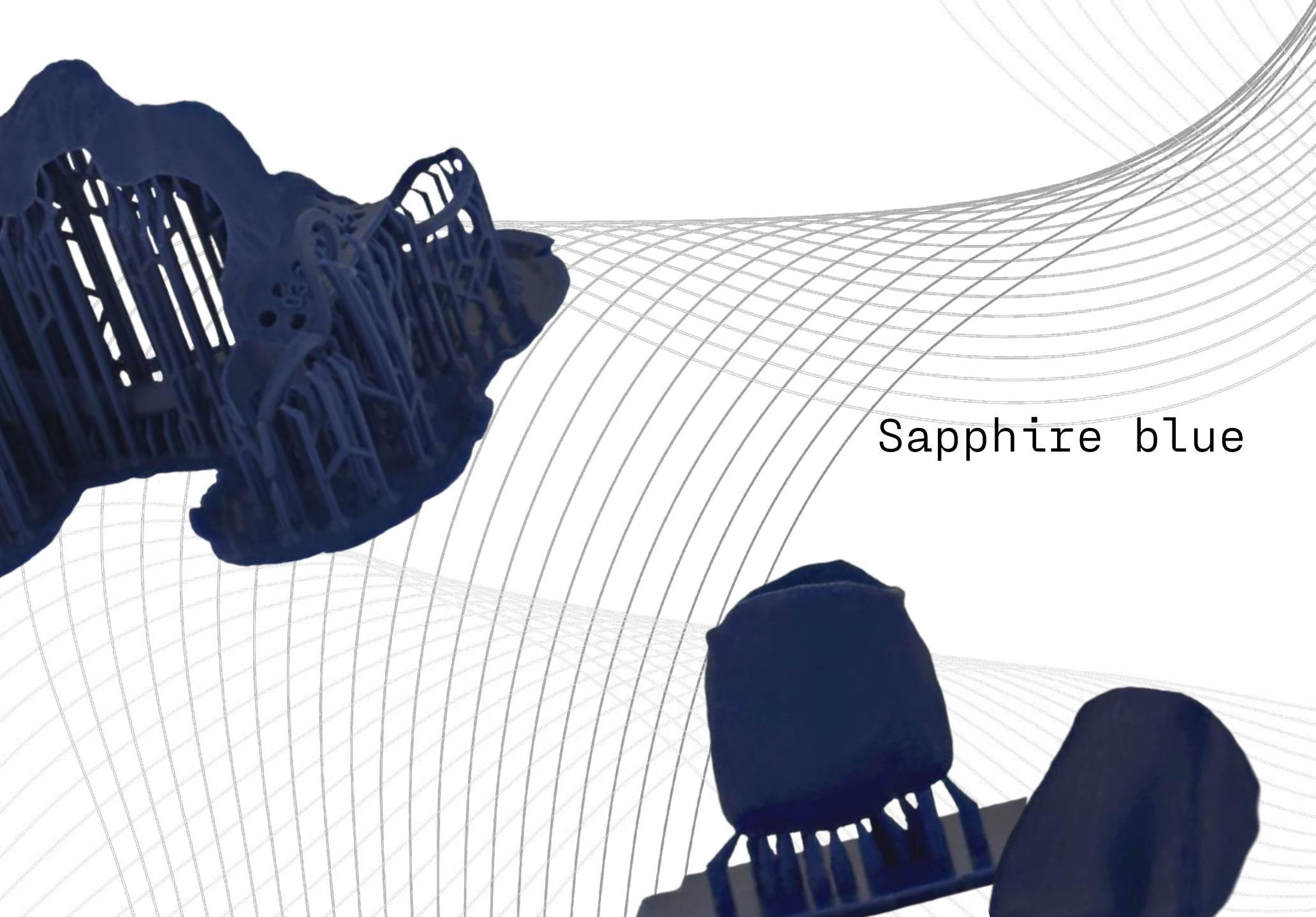
Low viscosity, high reactivity and selected colour parameters translate into prints with high details and sharpness, capturing even the tiniest elements.



Low expansion

Characterized by low expansion, reducing ring cracking and enhancing precision for prosthetic restorations.



The image features a large, dark blue, organic-shaped object on the left, possibly a 3D-printed model of a porous structure. It is set against a background of a fine, light gray grid that curves upwards and to the right. The text 'Sapphire blue' is positioned in the lower right area of the image.

Sapphire blue

ISOCAOT MODEL 3D

FILM-FORMING INSULATOR FOR 3D MODELS



By creating an ultra-thin separating layer of the insulator in a short time, it is ideal for daily work with various acrylic materials on models printed using different 3D printing technologies. The balanced gel formula, free from toxic substances, guarantees separation of the acrylic from the model with just one-layer, good visibility during isolation, and easy washing off with water without leaving residues. Additionally, it is excellent for isolating silicone materials that have issues with polymerization on the printed model.

APPLICATIONS

- orthodontic models
- acrylic dentures models
- acrylic splints models
- wax-up models
- thermoformable splints models



Ultra-thin isolation layer

The ISOCAOT MODEL 3D offers a rapid and efficient process, creating an ultra-thin isolating layer in just 5 minutes, effectively preventing the bonding of acrylic plastics to 3D models.



Multi-layer compliance

The balanced gel formula ensures effective separation of acrylic from the model after a single use, regardless of the 3D model's layer height 50 μm / 100 μm .



Ease and cleanliness

Excellent visibility during isolation, easy residue-free cleaning with water, and comfortable handling of orthodontic acrylics due to the insulator's chromaticity.



Versatility of application

Our insulator will find application wherever an impermeable barrier to the printed model is needed. It works great in isolating silicone materials.

neon blue



ISOCAUT UV BLOCKER XL

UNIVERSAL LIGHT CURING BLOCKING GEL



APPLICATION

- blocking undercuts,
- creating retention reservoirs in whitening trays,
- repairing or rebuilding models,
- protecting surfaces (e.g. ceramics) during sandblasting,
- and many other situations where a precise, heat-resistant protective barrier is needed.



Temperature resistance

Stable during acrylic polymerization, thermoforming and thermoplastic material injection. It ensures reliable results even under demanding laboratory conditions.



Precise application

The gel stays exactly where it's applied — it doesn't run or spread. It can be shaped directly from the syringe, using a brush or any other laboratory instrument.



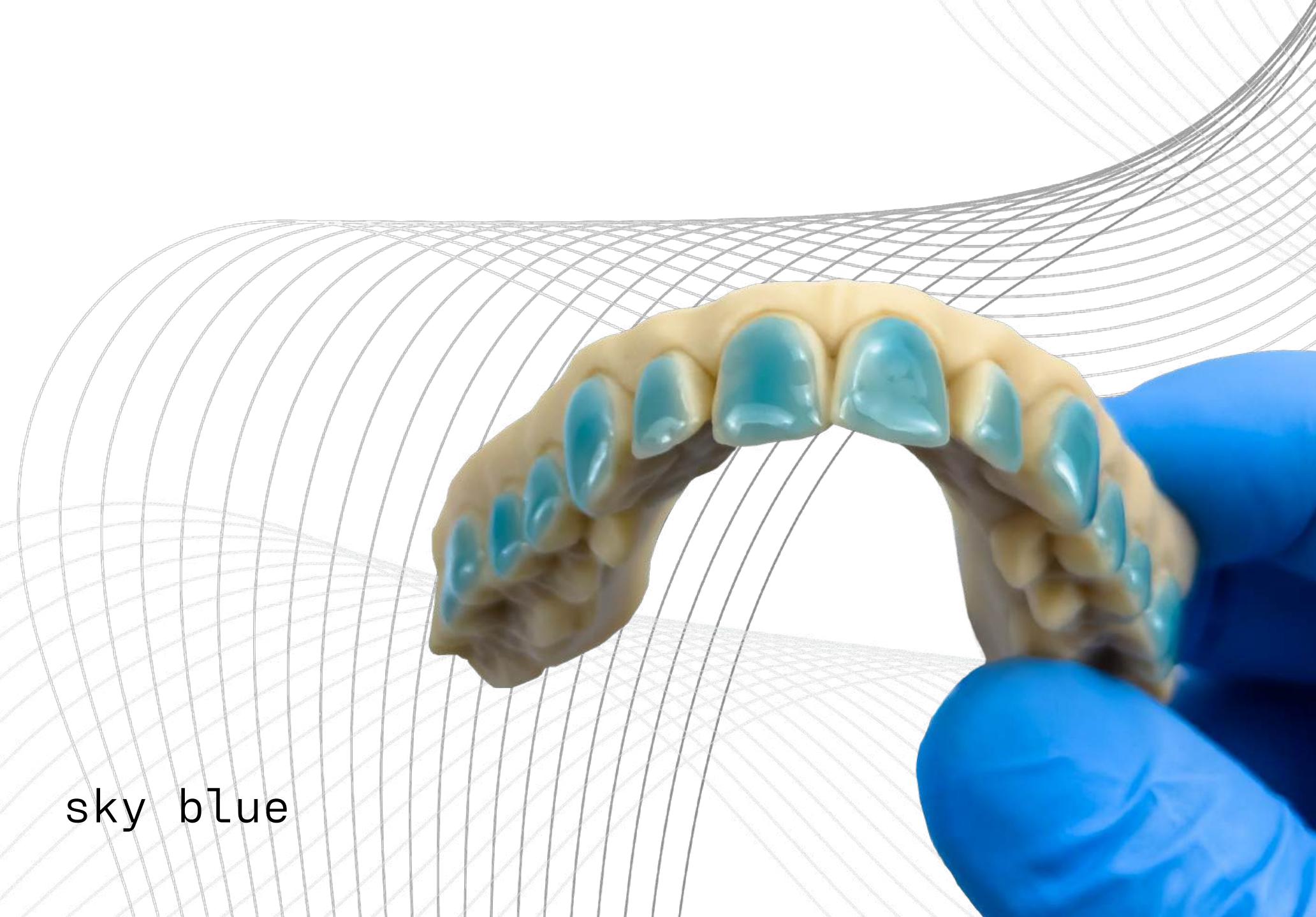
Excellent visibility

The transparent blue colour enhances visibility during gel application on the model, increasing control over the shape and thickness of the layer.



Versatility of application

Ideal for blocking undercuts, modelling spaces in whitening trays, repairing models, providing protection during sandblasting, and other precise prosthetic and orthodontic procedures — on both plaster and 3D-printed models.



sky blue

RE-IPA

ALCOHOL RECYCLING SOLUTION



Introducing our unique RE-IPA, the one-of-a-kind product that saves you money and reduces waste in 3D prints cleaning processes.

RE-IPA is a straightforward and eco-friendly solution designed to restore the properties of alcohols used in cleaning 3D resin models. It efficiently recovers alcohol for reuse in the first stage of cleaning, but also cleaning tools and work areas.

And the best part? Just one package of RE-IPA can recover up to 20 litres of saturated alcohol!

APPLICATIONS

- recycling any alcohol like IPA or denatured alcohol



Safety

RE-IPA prioritizes safety for both users and the environment. Its specialized formula purifies and restores the qualities of alcohols used for cleaning 3D resin-printed models.



User-friendly

RE-IPA is incredibly easy to use simply dissolve the product in water, then add it to the resin-saturated alcohol. After a quick stir, wait for the dissolved resin and pigment to settle at the bottom.



Superior efficiency

One package of RE-IPA can purify up to 20 litres of resin-saturated alcohol, significantly reducing alcohol consumption and waste disposal costs.



Innovative solution

RE-IPA stands out as an innovative and unparalleled product. Its unique formula effectively recycles alcohols used in 3D resin print cleaning, resulting in substantial savings and reduced alcohol usage.



3D PRINTING ACCESSORIES

INDISPENSABLE AID IN DAILY 3D PRINTING WORK



Filters 190µm

Ensure safe 3D printing with Syntegre's universal resin filters. The 190µm mesh size strikes the perfect balance between filtering out impurities or partially cured resin and maintaining an efficient printing process. These resin filters are essential for safeguarding both printer components and printed parts. Their durable and resistant paper construction allows for safe usage with various types of 3D printing resins.

Filter stand

Check out the excellent accessory – the filter stand. Cleaning your workstation and managing the filtration process is now easier than ever. Compatible with most bottles on the market, this stand is a valuable asset for daily use. The sturdy materials used guarantee stability, while the clever design eliminates the need for any additional accessories.

Silicone spatula

Introducing a must-have addition to your lab – a silicone spatula designed for 3D printing resins. Made of the highest quality silicone, this spatula features soft and smooth edges and is entirely safe for printer components, effectively eliminating the risk of damage to the printing film. The optimal shape and dimensions of 21 x 3.5 cm, this spatula enables you to easily and effectively clean the printer tray, ensuring cleanliness in a wide range of printers available on the market..



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