

brePRINT



JUST PRINT IT.

# The future of 3D printing: Spotlight on high-performance resin.

A revolution is unfolding at the heart of modern technologies, redefining the way we work, think and create. 3D printing has ushered in a new era of precision, efficiency and innovation. This technology allows precise, efficient implementation, even for complex applications such as dental restorations.

We are now introducing our exclusive range of 3D printing resins, specifically designed to meet the needs of users. Each product we offer is the result of extensive research and development, aimed at not only easing your work, but also improving it and speeding up workflows.

**Shelf life:**

Our resins are designed for a long service life with their excellent flexural strength and breakage resistance.

**Visual appearance:**

From silky matt to silky glossy surfaces, our products offer a wide range of finishes.

**Cost-effective:**

Optimised print speed and minimal material waste save you time and money without sacrificing performance.

**User-friendly:**

Easy handling and reduced post-processing maximise efficiency.







## Efficient printing in record time.

The Basic Model is the ideal choice for users who value durability and cost-efficiency. Designed to deliver flawless prints on a wide variety of 3D printers. The Basic Model produces smooth surfaces with minimal shrinkage and excellent breakage resistance.

### Colours

SMOKEY WHITE

REF: 52000347

### Contents

1000 g

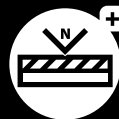
### DLP

385-405nm



#### **Smokey White:**

Detailed description with a smooth surface.



#### **Sturdy:**

For solid dental models that excel in everyday use.



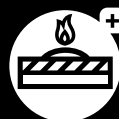
#### **Cost-effective:**

Low viscosity means it is ideal for less expensive printers.



#### **Instant printing:**

The Basic Model ensures fast printing workflows. This saves you time and increases efficiency.



#### **Heat-resistant:**

Smooth, detailed surface with reliable stability for thermoforming applications.





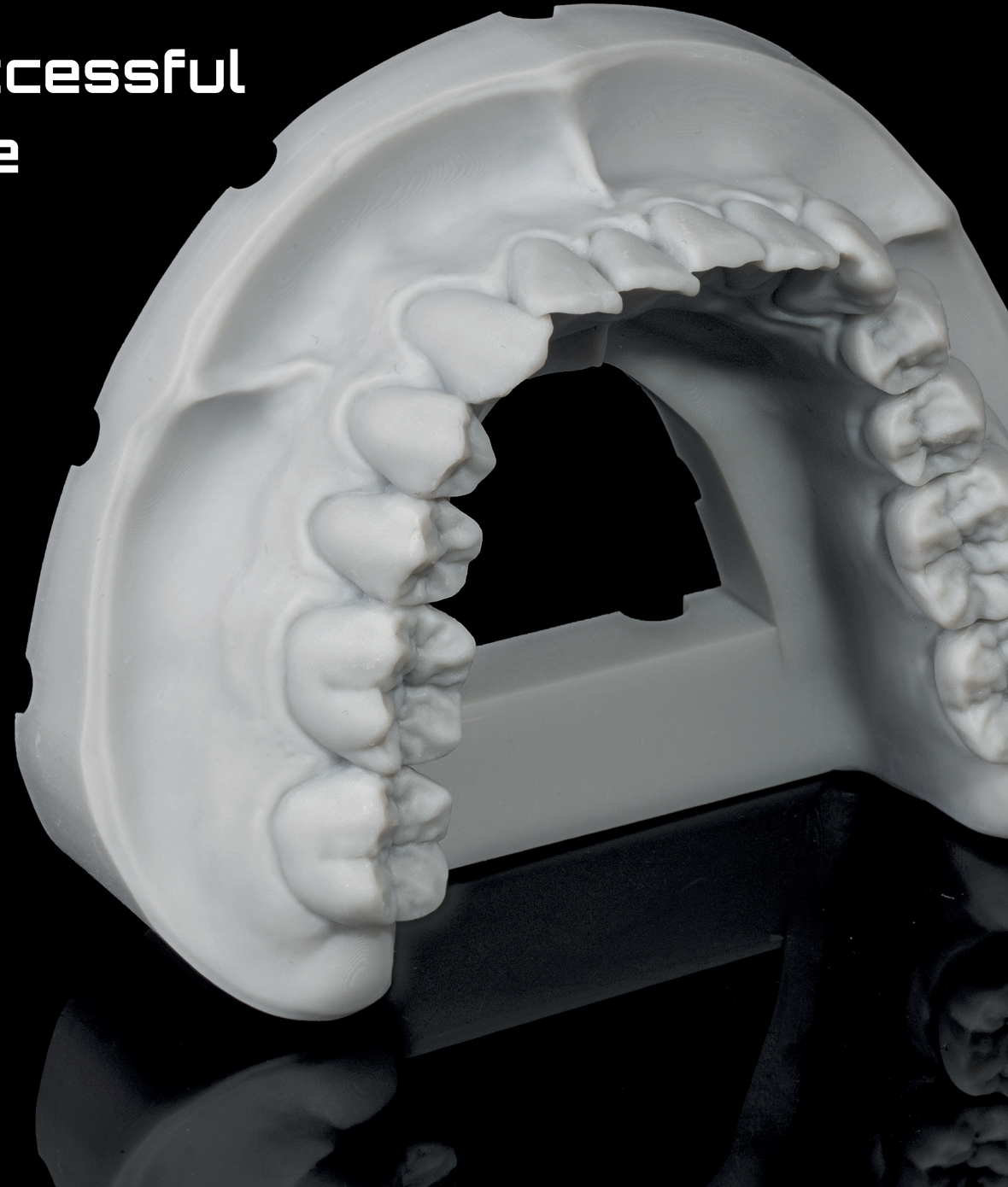


# Continuing the successful series with reliable reproducibility.

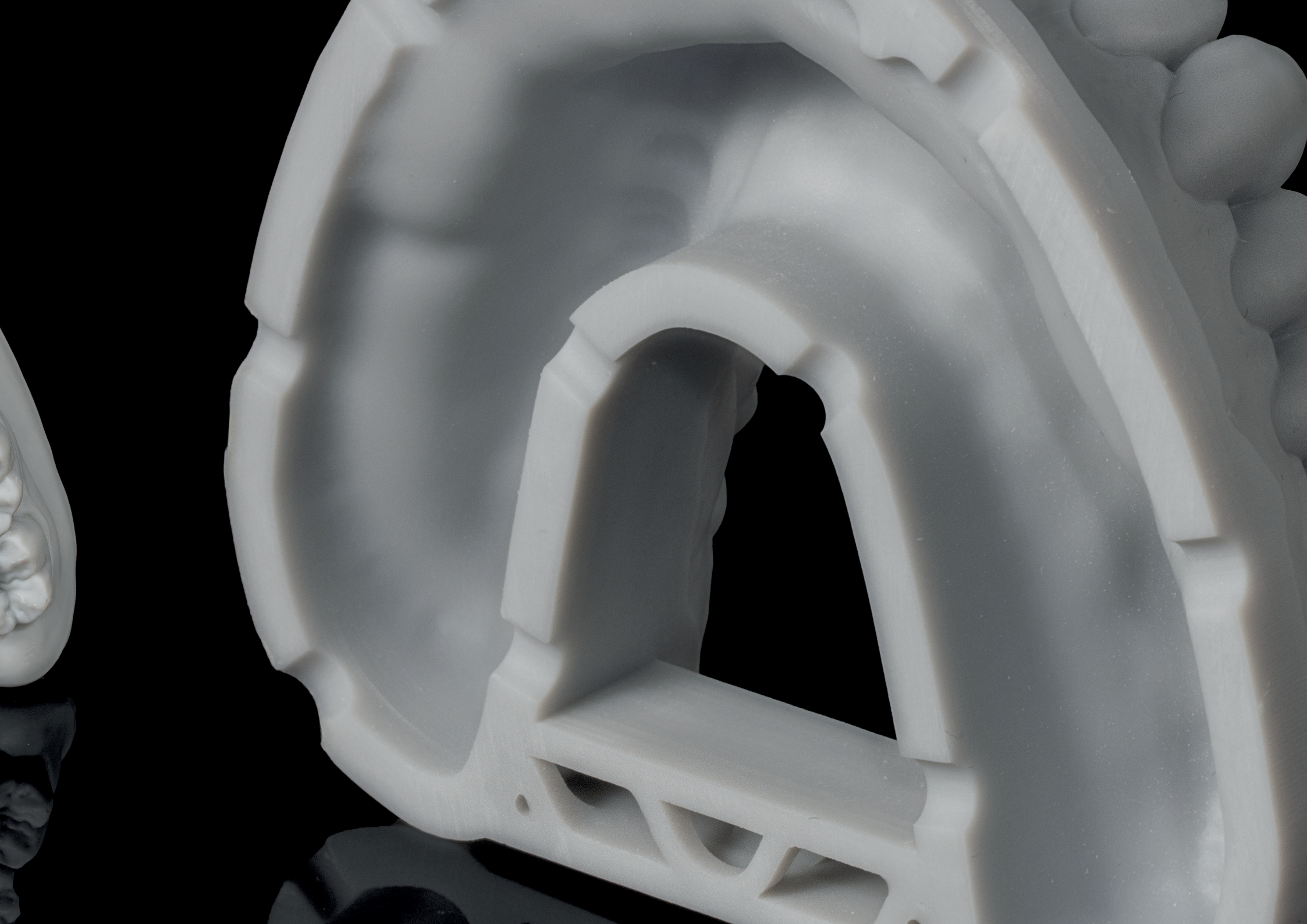
Reproducibility is at the core of brePrint's design to ensure that every print model meets quality standards. Using advanced 3D printing technologies, we ensure consistent results that are identical from one job to the next.

This reliable performance allows users to achieve precise fits and customised solutions.

Place your trust in brePRINT to deliver the accuracy and repeatability your profession requires.









# Reliability is a top priority for us.

The Classic Model resin impresses with its precision and adaptability. Its temperature and breakage resistance makes it ideal for users seeking efficiency and a top-quality finish.

## Colours

LIGHT GREY

REF: 52000353

SAND

REF: 52000352

## Contents

1000 g

## DLP

385-405nm



### High precision:

For the perfect fit, every print.



### Low shrinkage:

For sturdy, dimensionally stable dental models.



### Heat-resistant:

Ideal for thermoforming applications.



### Fast printing:

Increase in efficiency without compromising quality.



### Silky gloss finish:

Gives models an elegant shine.



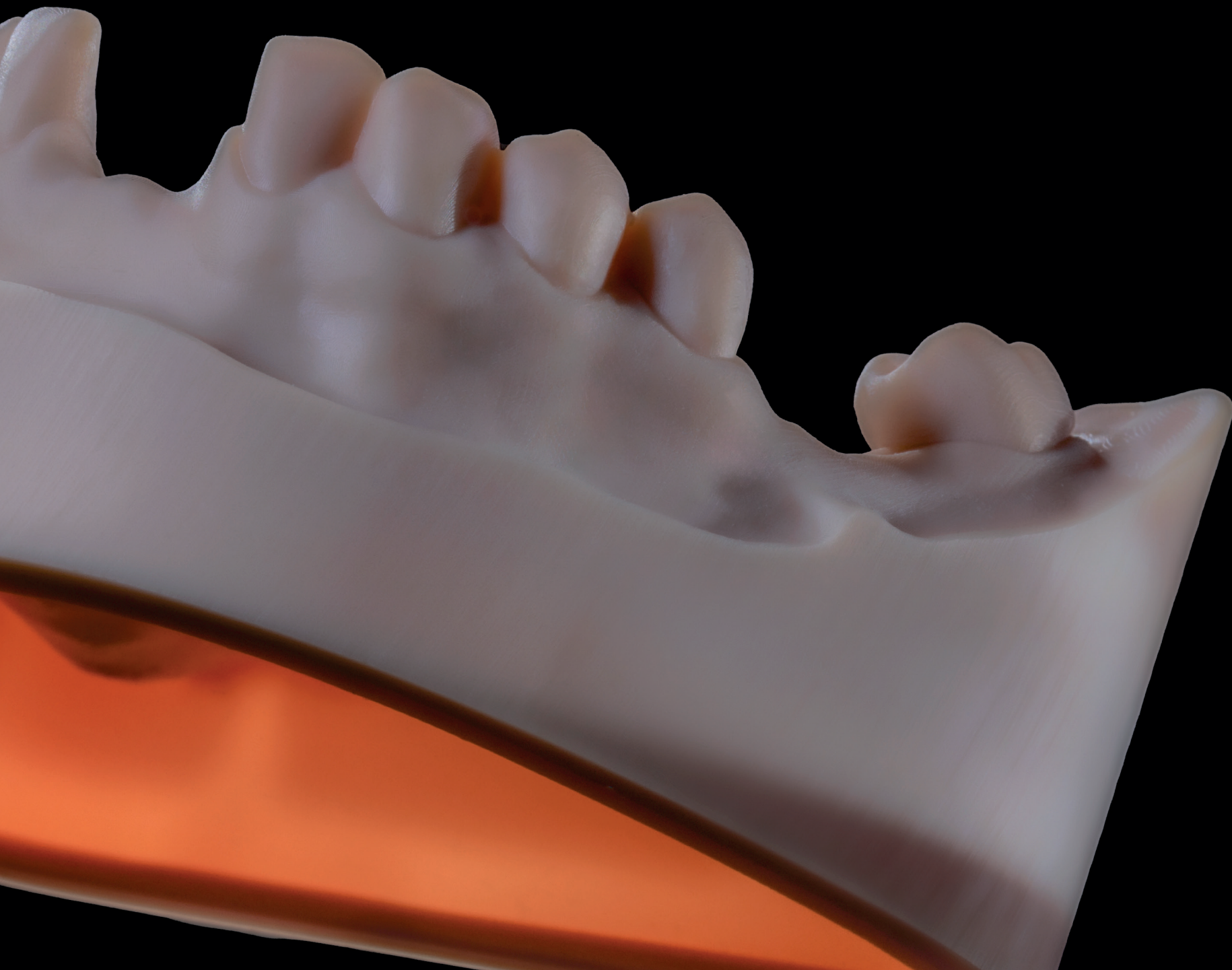
# More than just the surface: Quality you can see and feel.

The finely textured surfaces of our brePRINT 3D printing models are defined by an artistic precision that combines aesthetics and strength.

These meticulously designed textures not only provide visual depth, but also enhance the handling and functionality of models in your applications. Each model that emerges from your printer embodies our commitment to excellence by uniting precision with aesthetic appeal. Choose brePRINT if you expect outstanding quality that is visible in every detail and impresses on both a practical and visual level.







# 01 MASTER MODEL

## Precision defined, performance delivered.

The Master Model resin brings users to a new level of precision and detail. The resin's formula combines high flexural strength and breakage resistance with a silky smooth surface and exceptional temperature resistance. The material features hydrophobic properties designed to minimise water absorption. This makes it the ideal choice for the highest standards.

### Colours

LIGHT GREY

REF: 52000341

SAND

REF: 52000340

### Contents

1000 g

### DLP

385-405nm



#### Maximised precision:

For exceptional detail without compromising quality.



#### Break-proof & bend-resistant:

For lasting stability.



#### Insulating effect:

For enhanced working properties.



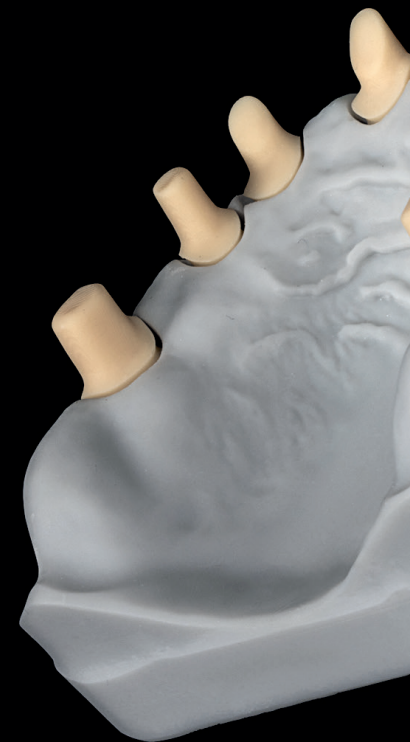
#### Silky smooth:

For exceptional touch and aesthetics.



#### Hydrophobic property:

Water-repellent for long-lasting quality.







# Quality is not just a goal; it also requires commitment.

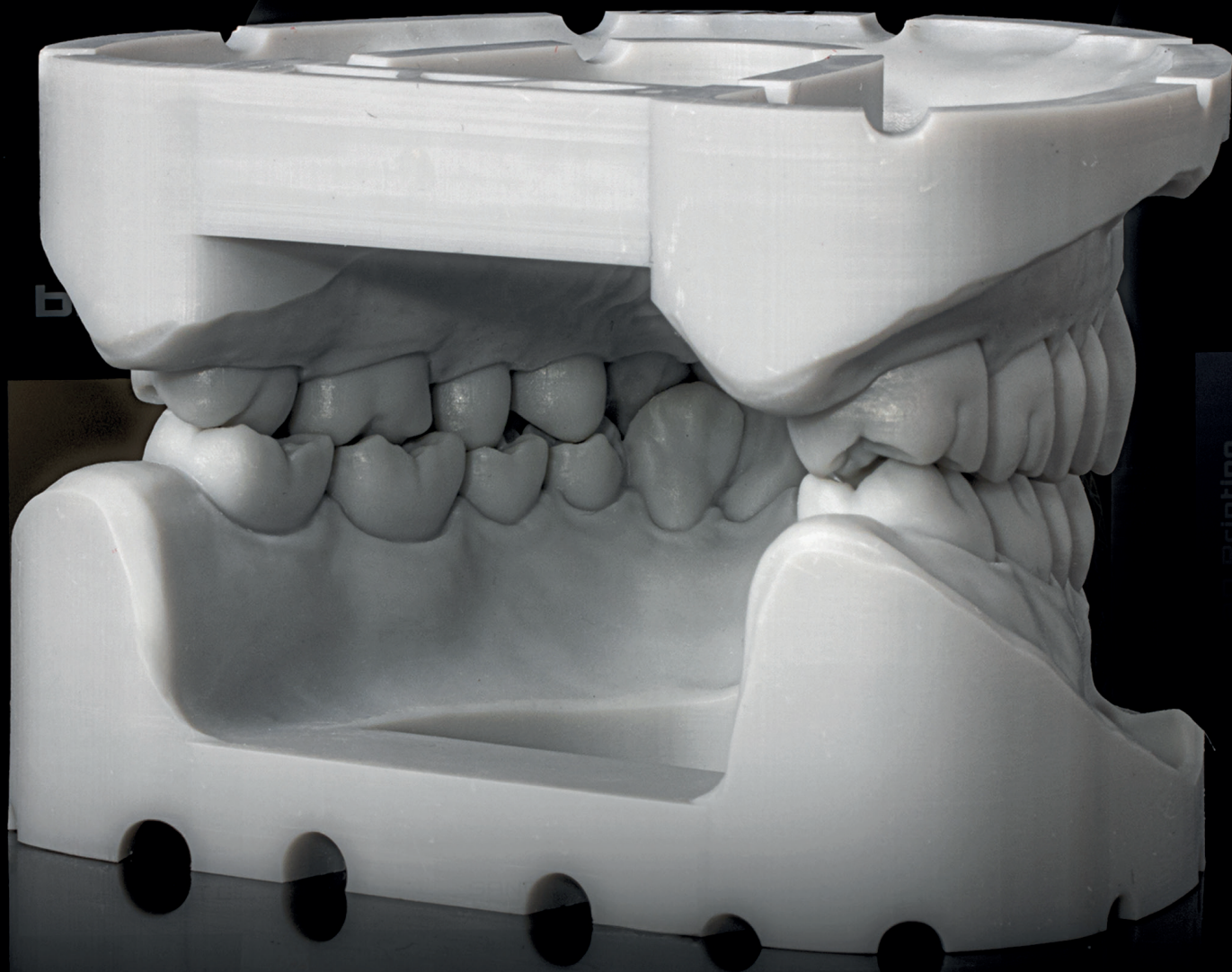
This is evident in every aspect of our work. Our technology guarantees results that not only capture the tiniest details, but also perfect them. By placing precision at the core of our processes, we are setting new standards in quality and accuracy. Place your trust in brePRINT to shape the future of precision work.



3  
PRINT

3D Printing  
Resin I DLP

3D Printing  
Resin I DLP



## Cast & craft: Flawless casts.

The dental cast resin has been specially developed for challenging casting processes. With its advanced formula, this resin ensures significantly improved efficiency and precision in its use.

By using state-of-the-art technologies during manufacture, Dental Cast resin provides an optimal basis for producing high-quality casts.

Colours

PURPLE

REF: 52000360

Contents

1000 g

DLP

385-405nm



### **Precision cast:**

Mapping of details  
for error-free results.



### **Optimised surfaces:**

Low water absorption,  
less shrinkage.



### **Residue-free burn-out:**

Flawless moulds  
with no residues.



### **Controlled expansion:**

For an exact fit  
of casts.



### **Free from MMA & THF-MA:**

For effortless handling  
and enhanced working comfort.

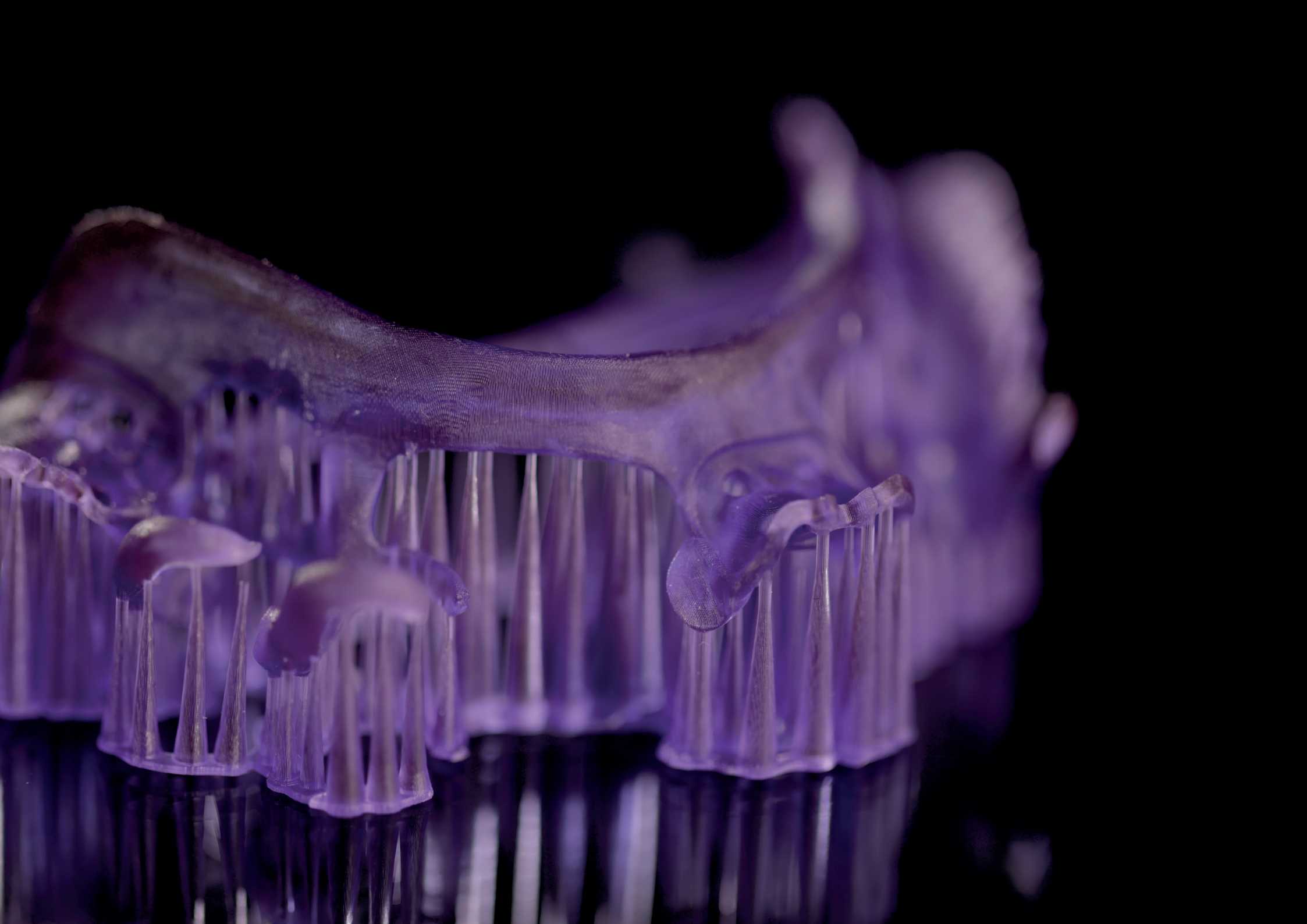


### **Process reliability:**

Handling instructions available  
with bredent system products.



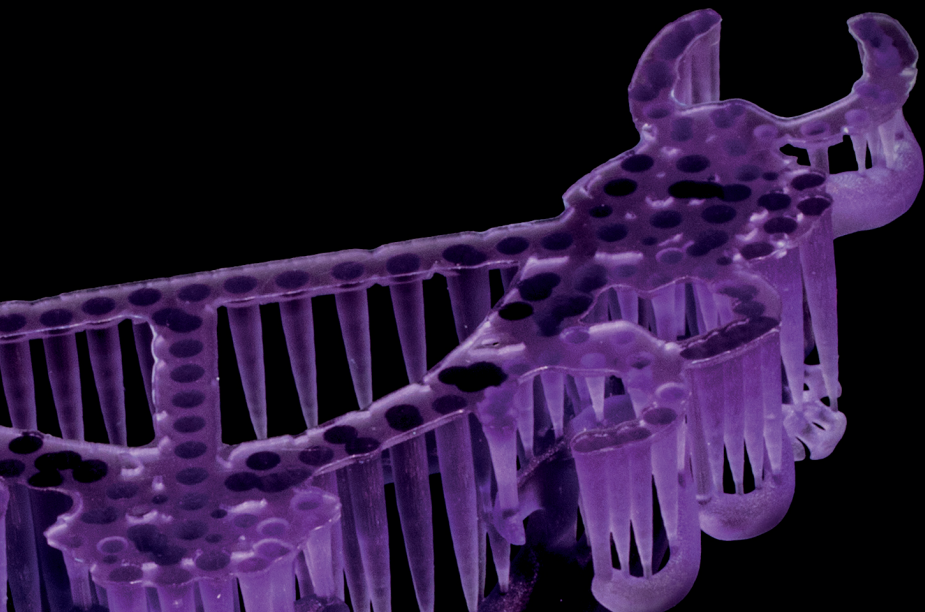




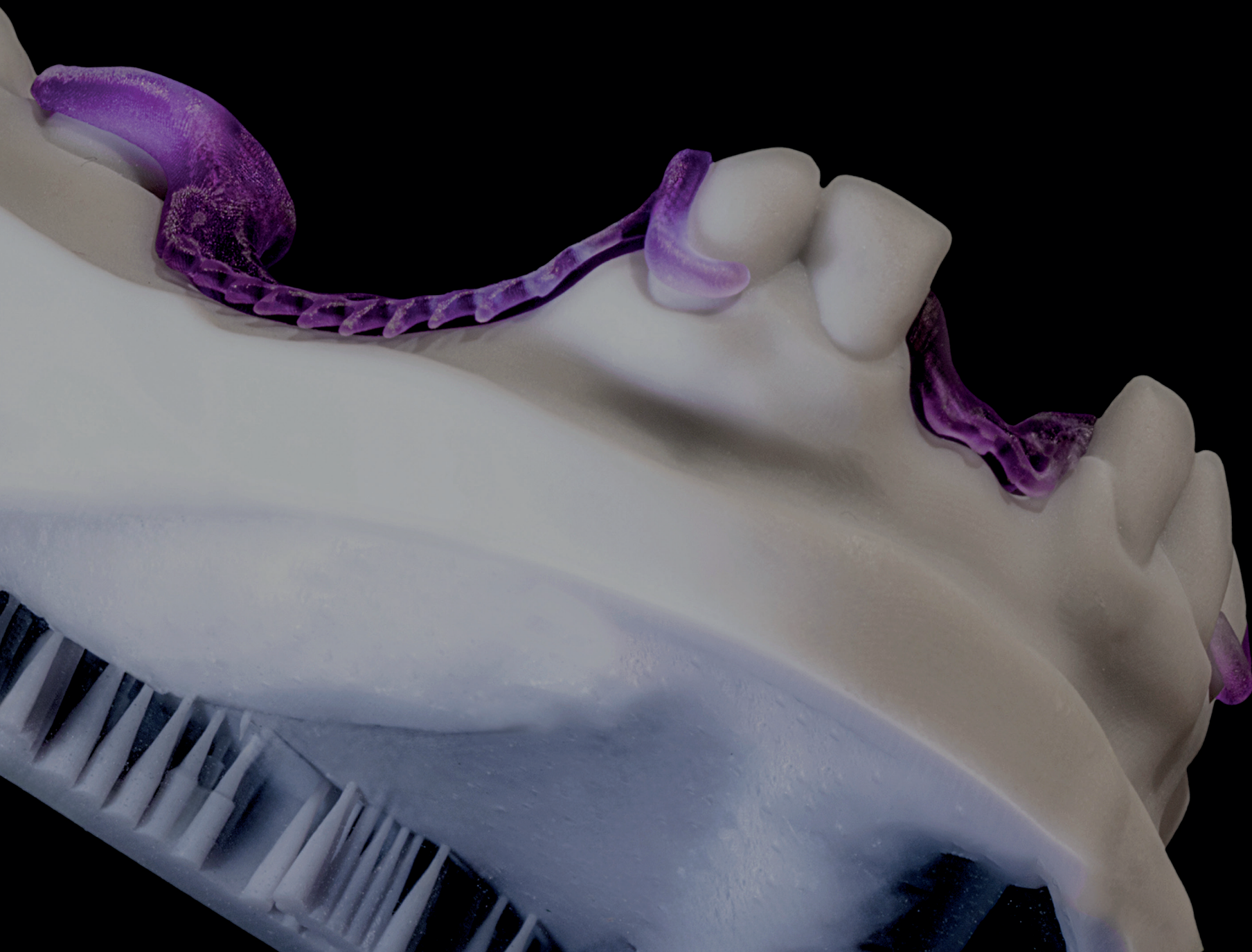
# Casting without limits.

Our commitment to precision makes every cast a work of art. The Dental Cast resin captures even the finest details with high accuracy, transforming your models into true masterpieces.

With our advanced technology, we bring new approaches to manufacturing. Place your trust in Dental Cast resin to experience precision in a new dimension.









## From the source: What our customers have to say.



**Lars Schäfer**  
MDT - AxioDent

“

*While I was printing, I noticed that there was virtually no separation when you store the material for a short time. We work with a wide range of materials and use our printers mainly for trays and bite registrations.*

*If you set the tray aside briefly in the lab, you have a very thick deposit on the material that you have used so far.*

*The surface becomes oily and a white deposit forms on the bottom of the resin surface. In such cases, these materials often need to be thoroughly remixed, which can be time-consuming.*

*This certainly doesn't happen when we use brePRINT materials.*

”

*Lars Schäfer*

### Tips for use

from MDT Lars Schäfer

Shake the bottle well for one minute before use.  
The material is then perfectly prepared for printing.  
I recommend using 50 µ for prints  
to ensure cost efficiency.



**Philipp von der Osten**  
MDT - Dental Design Erlangen

“

*Thanks to the expanded brePRINT product range,  
failed prints are a thing of the past. The material is not only cost-effective,  
but it also allows us to show the value of our services.  
A perfect example of this benefit is the model print quality with regard to surface finish,  
which is immediately apparent to our customers.*

”

*Philipp v.d. Osten*

## Tips for use

**from MDT Philipp von der Osten**

Wet your silicone spatula with brePRINT silicone  
and wax remover (REF: REF 54000705).  
This makes it even easier to stir the resin,  
leaving less residue on the spatula.

## Colours and details that impress. For optimum contrast detection.

See our resin colour comparison here.  
Which resin and colour  
best suit your needs?



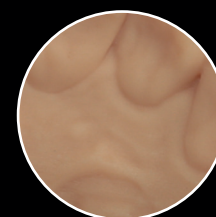
DENTAL CAST

PURPLE



MASTER MODEL

SAND



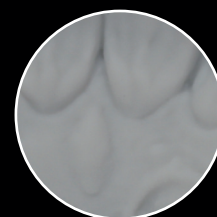
CLASSIC MODEL

SAND



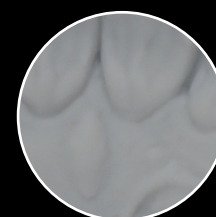
BASIC MODEL

SMOKEY WHITE



MASTER MODEL

LIGHT GREY

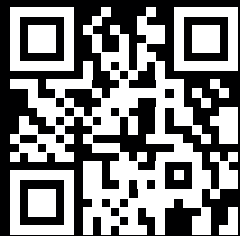


CLASSIC MODEL

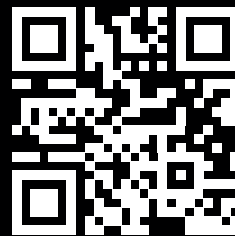
LIGHT GREY



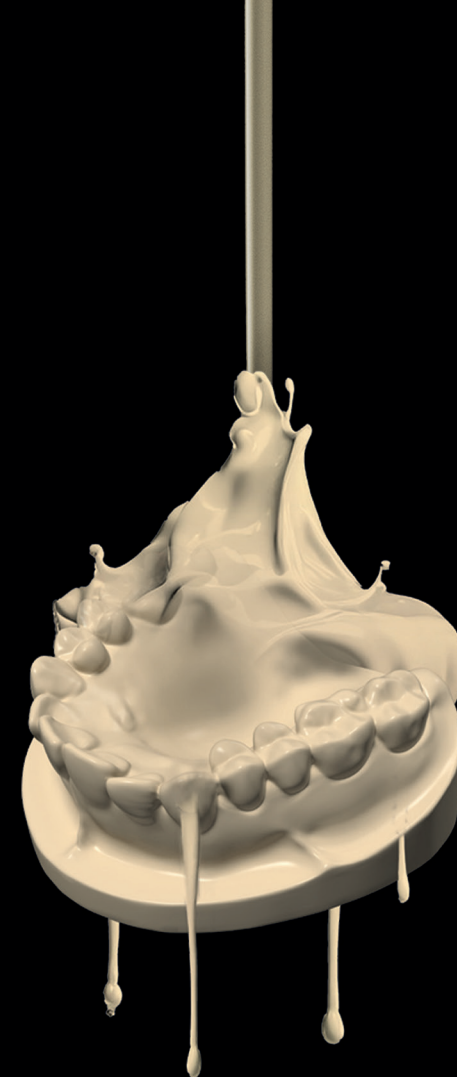
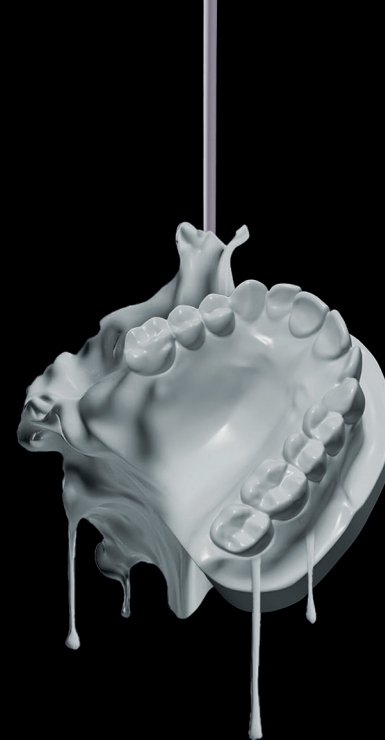
Check out  
the compatible 3D printers  
and discover  
recommended parameters  
for setting up your printer:



SCAN ME!



SCAN ME!



JUST  
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50 years of bredent

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