

CURRENT PRESS RELEASE

the bredent group

Senden, October 2025

bredent is expanding its brePRINT product line with Basic Model Resin in the new colour creamy beige

The bredent group is expanding its brePRINT product line for dental 3D printing with a new colour variant. In addition to the existing 'smokey white' version, the new 'brePRINT 01 Basic Model creamy beige' joins the tried-and-tested Basic Model Resin range. This will offer dental laboratories another solution for precise, fracture-resistant and economical dental models from 3D printing.

The Basic Model Resin has been specially developed to meet the requirements of modern digital dental laboratories. It enables the production of precise dental models with a smooth surface and low shrinkage. At the same time, its fracture resistance ensures that the printed models remain stable even in day-to-day laboratory use. This provides a crucial advantage for diagnostics, planning, and the production of work-relevant models.

An important technical factor for its efficient processing is the material's low viscosity of 0.67 Pas. This characteristic helps ensure the fastest possible 3D printing processes and to increase efficiency in the laboratory. At the same time, its low viscosity allows it to be used on a wide range of 3D printers, even on less expensive systems, allowing dental laboratories to work cost-effectively.

With a density of 1.04 g/cm³, the material provides a stable base for precise dental models. The printed models stand out thanks to their detailed and smooth surface. Their heat resistance makes the models particularly well suited for applications such as thermoforming, where dimensionally stable and temperature-resistant models are required.

The new 'creamy beige' colour variant also expands the aesthetic possibilities in day-to-day laboratory use. The bright and pleasant colour of the material simplifies visual inspection and makes the models more convenient to process in the laboratory.

The material is designed for a wavelength range of 385 nm to 405 nm and can therefore be used with numerous modern 3D dental printing systems. brePRINT materials are validated for systems including ASIGA printing systems, enabling easy plug-and-play use. The necessary print parameters can be found on the ASIGA website and bredent homepage and facilitate simple and secure integration into existing digital workflows in the dental laboratory.

Availability

brePRINT 01 Basic Model smokey white: REF 52000347

brePRINT 01 Basic Model creamy beige: REF 52000348



Image 1: brePRINT 01 Basic Model creamy beige,
Image: bre³dent group

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About the bre³dent group

The bre³dent group is an internationally active, family-owned company headquartered in Senden (Bavaria) and has been operating in the dental market since its foundation in 1974. With more than 600 employees, it comprises three specialised business divisions: bre³dent, bre³dent medical and Dental Concept Systems (DCS).

The company group develops, manufactures and distributes individual products and system solutions with a focus on implant prosthetics, as well as comprehensive, tailored treatment concepts "Made in Germany". In doing so, the bre³dent group supports dentists and dental technicians in producing and maintaining functional, aesthetic and affordable dentures.

The bre³dent group pursues a holistic approach that focuses on practical and durable applications for modern dentistry and dental technology. Our company's activities are based on close collaboration with users and continuous advancement of products, processes and systems.

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