



VarseoSmile Crown plus

The ceramic-filled hybrid material for 3D printing permanent restorations

Versatile

- VarseoSmile Crown plus can be used for 3D printing definitive restorations such as single crowns, partial crowns, crowns on abutments, inlays, onlays, tabletops and veneers in the anterior and posterior region including occlusal surfaces.
- Antagonist-friendly material with mechanical buffer effect, ideal for implant-supported crowns
- Thanks to the full integration into the digital workflow and the low material costs, a same-day treatment option with an excellent price-performance ratio is made possible

Safe

- Extensive scientific studies by renowned universities and institutes confirm the excellent features of the restorations made of VarseoSmile Crown plus
- Certified biocompatibility: Not cytotoxic, not irritating, not sensitizing, not pyrogenic, not genotoxic or mutagenic
- Meets the requirements for a class IIa product according to MDR**

Aesthetic

- VarseoSmile Crown plus is available in seven shades according to the VITA® classical shade system and one Bleach shade: A1 Dentin/A2 Dentin/A3 Dentin/B1 Dentin/B3 Dentin/C2 Dentin/D3 Dentin/BL Dentin
- Excellent esthetics due to balanced ratio of opacity and translucency
- Fluorescence of the printed objects resembles that of the natural tooth

Simple

- Clear visibility of restorations made of VarseoSmile Crown plus on radiographs
- Minimized resin sedimentation for easy handling, no mixing or shaking necessary with regular use
- Easy to grind and polish with standard tools

Product details

Color	A1, A2, A3, B1, B3, C2, D3, BL
Density	approx. 1.4 – 1.5 g/cm³
Viscosity	2,500 – 6,000 mPa·s
Flexural strength	116 – 150 MPa**
Flexural modulus	4,090 MPa
Hardness	≥90 Shore D
Water solubility	<1 µg/mm³
Water sorption	<12 µg/mm³

* This symbol is a commercial designation/registered trademark of a company which is not part of the BEGO company group.
** Medical device as defined by section 2(1)(b) of the Food, Drug & Cosmetic Act
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Article details

Availability	Contents***	REF
VarseoSmile Crown plus A1	500 g bottle	41107
VarseoSmile Crown plus A2	500 g bottle	41108
VarseoSmile Crown plus A3	500 g bottle	41109
VarseoSmile Crown plus B1	500 g bottle	41110
VarseoSmile Crown plus B3	500 g bottle	41111
VarseoSmile Crown plus C2	500 g bottle	41112
VarseoSmile Crown plus D3	500 g bottle	41113
VarseoSmile Crown plus BL	500 g bottle	41114
VarseoSmile Crown plus A1	250 g bottle	41117
VarseoSmile Crown plus A2	250 g bottle	41118
VarseoSmile Crown plus A3	250 g bottle	41119
VarseoSmile Crown plus B1	250 g bottle	41120
VarseoSmile Crown plus B3	250 g bottle	41121
VarseoSmile Crown plus C2	250 g bottle	41122
VarseoSmile Crown plus D3	250 g bottle	41123
VarseoSmile Crown plus BL	250 g bottle	41124

Scientific studies:



Validated processing with numerous 3D printers and post-exposure units



Free 3D Printed VarseoSmile Crown plus Sample:



Smart Veneering with VarseoSmile Crown plus



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** See study "Effects of additional UV light curing processes" under www.bego.com
*** The use of the 250 g bottles is recommended for the Varseo XS 3D printer.
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