

# BEGO™ VarseoSmile® TriniQ® Resin

BEGO™ VarseoSmile® TriniQ® Resin is a versatile ceramic-filled biocompatible material, indicated for temporary and permanent single units, bridges, and denture teeth.

**Permanent Single-units (crown, inlays, onlays, veneers), Bridges (up to 3-units), and Implant Crowns**

**Temporary Single-units (crown, inlays, onlays, veneers), Bridges (up to 7-units), and Implant Crowns**

**Denture Teeth for Full and Partial Removable Dentures**



V1

BGTQA201

BGTQA301

BGTQB101

Mechanical Properties <sup>1,2</sup>		POST-CURED	METHOD
Flexural Strength	120 MPa		ISO 10477:2020
Flexural Modulus	3600 MPa		ISO 10477:2020
Hardness	≥ 90 D		ISO 868:2003
Sorption	< 0.6 µg/mm <sup>3</sup>		ISO 10477:2020
Solubility	< 12 µg/mm <sup>3</sup>		ISO 10477:2020
Density @ 20 °C	1.29 g/cm <sup>3</sup>		-
Viscosity @ 22 °C	3300 cP		-

BEGO™ VarseoSmile® TriniQ® Resin has been evaluated in accordance with ISO 10993-1, Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process, and ISO 7405, Dentistry - Evaluation of biocompatibility of medical devices used in dentistry, and passed the requirements for the following biocompatibility risks:

ISO Standard	Description
ISO 10993-1:2018	Biological safety confirmed
ISO 10993-5:2009	Not cytotoxic
ISO 10993-10:2010	Not a sensitizer
ISO 10993-18:2009	No critical observations
ISO 10993-23:2021	Not an irritant

The product was developed and is in compliance with the following ISO Standards:

ISO Standard	Description
EN ISO 13485	Medical Devices – Quality Management Systems – Requirements for Regulatory Purposes
EN ISO 14971	Medical Devices – Application of Risk Management to Medical Devices

<sup>1</sup> Material properties may vary based on part geometry, print orientation, print settings, temperature, and disinfection or sterilization methods used.

<sup>2</sup> Data for post-cured samples were verified and validated by BEGO™ for compatible Formlabs equipment using post-processing instructions listed in the BEGO™ VarseoSmile® TriniQ® Resin Instructions for Use.