



# PERMANENT 3D PRINTED CROWNS

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**saremco print - CROWNTEC™**



CROWNTEC has been developed by professionals with an over 30-year experience in light curing dental materials. The outstanding 3D printing resin stands for solid Swiss quality.

- for permanent crowns, inlays, onlays, and veneers
- for strong denture teeth
- for temporary bridges
- with excellent physical properties
- biocompatible - no eluates in watery environment
- ready to use - no pre-mixing needed
- FDA 510(k) cleared, CE, and TGA marked
- validated on numerous devices

More information: [www.saremco.ch](http://www.saremco.ch)





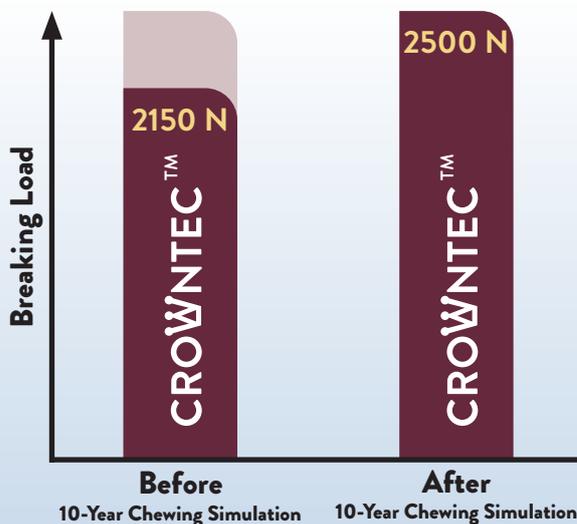
## Technical Data

Consistency		medium viscosity, homogeneous
Color		according to VITA® standard
Shelf life		3 years
Flexural strength	DIN EN ISO 4049	> 135 MPa (average)
E-Modulus	DIN EN ISO 4049	> 4000 MPa
Barcol hardness		> 40
Medical device		class IIa
Shades in stock		A1, A2, A3, B1, Snow White (bleach)

Per request: A3.5, A4, B2, C3, C4, D3

## Breaking Load

A human bite reaches **700 newtons** at most. CROWNTEC can withstand around **three times this load** - even after aging.



The aging has been simulated by thermomechanical loading and 2.4 Million cycles.