

# Flexcera<sup>®</sup> Smile Ultra+ Dental Resin

For Trusted, Regulatory Approved  
3D Printed Prosthetics

Deliver the perfect blend of strength and  
comfort with best-in-class fit and finish

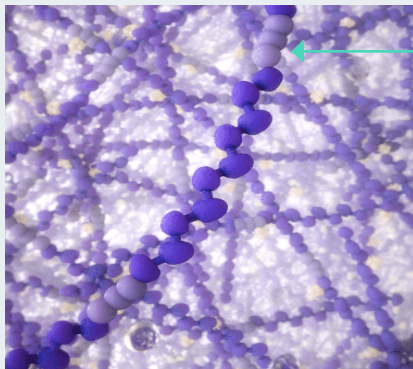
**FDA** **MDR** **CE**  
Cleared Certified Marked

## Proven performance

- 3+ years in development and >200 formulations studied to ensure predictable, reliable, and repeatable results
- Disciplined in regulatory processes, certified in ISO 20795-1, passing a suite of biocompatibility testing for dentistry
- Flexcera Smile Ultra+ is an FDA 510(k) Class II cleared, CE Marked, and MDR Class IIa certified for additive manufacturing of implant supported, monolithic, and partial dentures, veneers, inlays, onlays, crowns and bridges



## Featuring Ceramic-Like Strength in a Bottle



**Synthesized long-chain chemistry**  
Longer equals stronger

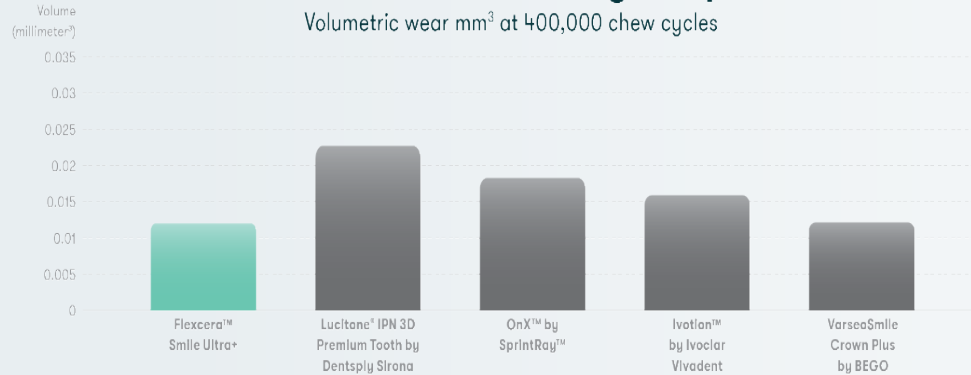
**Polymerized by a high-powered  
385 nm DLP projector**  
For an efficient cure in print

**Results in tightly cross-linked  
polymers**  
For ceramic-like strength



## A Hybrid Nanoceramic Resin Engineered for Reliable Performance

### >30% Less Wear<sup>1</sup> vs. Leading Competition



## Committed to Compliance

Passing a suite of testing, including ISO 20795-1, Flexcera Smile Ultra+ approved digital dental workflows deliver accuracy of prints, polymerized mechanical properties, and biocompatibility for patient safety.

## Indications for use:

- Dentures: implant supported, monolithic, partial, and teeth
- Restorative: veneers, inlays, onlays, crowns, and bridges

## Validated 3D Printers

### Desktop Health

- Einstein, Einstein Pro XL
- EnvisionOne
- D4K

### Carbon M Series

Asiga Max UV, Max 2, Ultra, and Pro 4K

## Technical Specifications

Technical Specifications	Flexcera Smile Ultra+ Performance
Flexural strength	118 +/- 9.1 MPa
Volumetric wear	0.012mm <sup>3</sup> at 400k cycles
Total fracture work	1301 ±287.5 J/m <sup>2</sup>
Sorption	Pass
Biocompatibility	Pass
Sensitization	Pass
Polymerized in 385nm 3D Printer	Cured in Otofash 2 x 3000 flashes

## Flexcera™ Smile Ultra+

available in 6 colors to match natural teeth



## Ordering Information

### 1 kg resin bottle

- A1, order # RES-01-3146
- A2, order # RES-01-3147
- A3, order # RES-01-3148
- A3.5, order # RES-01-3149
- B1, order # RES-01-3150
- Bleach, order # RES-01-3151

Scan the QR code to learn more with Flexcera On-Demand Education



1. Independent volumetric wear study (all results on file) from University of Alabama at Birmingham, 2022; Flexcera Smile Ultra+ vs. Lucitone® IPN Premium Tooth by Dentsply Sirona and OnX™ by SprintRay.