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CreaDisc ZR ML

Multilayer Zirconia



THE PERFECT SYMBIOSIS OF STRENGTH AND AESTHETICS



For dental technicians with the highest demands

CreaDisc ZR ML combines cutting-edge technology with natural aesthetics. Developed for highest precision and long-lasting stability, this material provides a reliable foundation for dental restorations at the highest level. The seamless colour and translucency gradient is inspired by nature — for restorations that impress not only functionally but also harmonize visually.

Natural Aesthetics

The silky-smooth colour and translucency gradient ensures a vibrant, lifelike appearance — flawlessly beautiful in both anterior and posterior restorations.

Ultimate Strength, Maximum Security

With a flexural strength exceeding 1,100 MPa, CreaDisc ZR ML delivers unparalleled stability — even in demanding cases. Durability meets high performance!

Zirconia Technology at the Highest Level

CreaDisc ZR ML is manufactured from high quality zirconia powder. Uniaxial pressing followed by isostatic post-compaction produces a particularly homogeneous structure and controlled sintering shrinkage – ensuring precise fits and reliable results.

Wide Range of Indications — Reliable in Every Situation

CreaDisc ZR ML is suitable for single crowns, inlays, onlays, bridges, and implant-supported restorations such as All-on-4 — in both anterior and posterior regions. Stable, precise, and universally applicable.

More Efficiency, Less Effort

CreaDisc ZR ML is easy to process — delivering excellent milling results with precise margins and perfect fit. Designed for a digital workflow that consistently produces perfect outcomes.

Highest Purity and Excellent Biocompatibility

Our zirconia combines technical excellence with outstanding tissue compatibility. It is exceptionally gentle on the body, ensuring patients feel secure and comfortable from the very start.

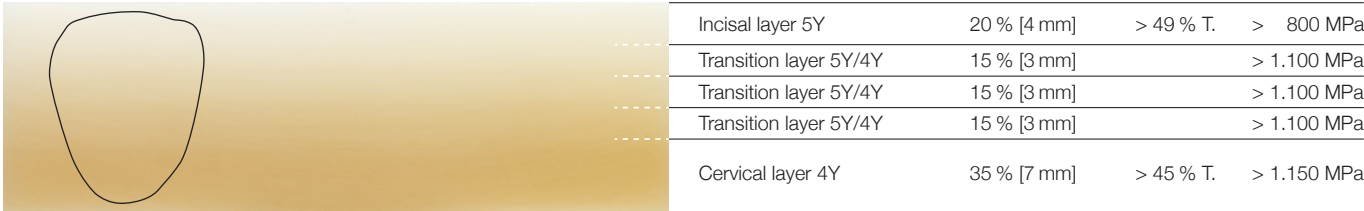
Milled and sintered bridge



Milled, sintered, and stained bridge



The cross-section shows the translucency gradient of the disc



Product Specifications

- Material composition: 4Y and 5Y-TZP
- Disc diameter: 98.5 mm with peripheral step
- Disc thicknesses: 14, 16, 20, and 25 mm
- Shades: BL1, BL2, BL3, A1, A2, A3, A3.5, B1, B2, C2, D2, D3
- Flexural strength: typical mean \geq 1,100 MPa
- Sintering temperature: 1,450 °C
- Fast sintering possible in approx. 4 hours

Processing Options

- Classic full veneering
- Painting and microlayering of minimally reduced veneering surfaces
- Painting and glazing of monolithic restorations

Highlights of CreaDisc ZR ML — Your Material for Outstanding Results

Outstanding Millability

CreaDisc ZR ML mills effortlessly and precisely — enabling fast, clean, and highly detailed results that optimally support any digital workflow.

Wide Indication Spectrum

Whether single crowns, bridges, or complex superstructures — this material excels in a broad range of applications, offering maximum flexibility for every challenge.

Naturally Appearing Color and Translucency Gradient

The gentle, flowing colour gradient creates a vibrant and convincingly natural aesthetic that blends seamlessly into the natural dentition.

Robust and Aesthetic at the Same Time

The unique combination of high strength and appealing appearance guarantees long-lasting restorations that perfectly unite function and beauty.

Ideal for customization

Perfectly compatible with the Creation Systems ZI-CT, ZI-F, LS and Magic Colour – for creative freedom and individually tailored results that inspire. Simply brilliant!

Simply Brilliant!



Products for finishing CreaDisc ZR ML

Creation ZI-CT	Creation ZI-F	Magic Colour
The high-fusing ceramic for highest aesthetic demands	The low-fusing ceramic for full veneering and microlayering	Colours for individual stain-ing and characterisation for microlayering with ZI-F

