

Natural fit  
and  
flexibility



CERASMART™270  
from GC

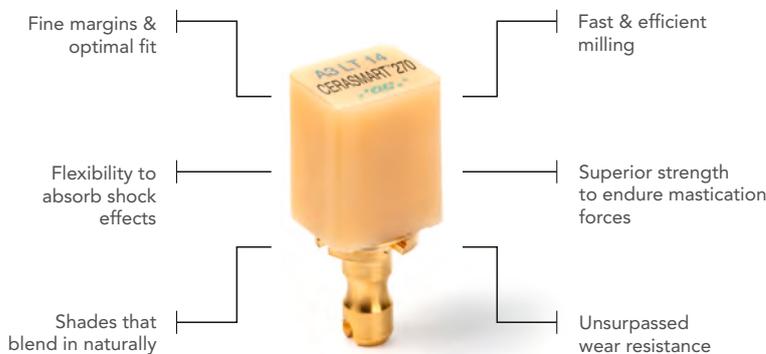
Force Absorbing Hybrid Ceramic  
CAD/CAM Block



**CERASMART™270** is an aesthetic hybrid block made to provide fast and long lasting clinical success.

- Thanks to the newly developed “Full Coverage Silane Coating” (FSC) with improved nanofiller technology, CERASMART™270 offers high physical and aesthetic properties.
- The milling is fast and efficient, making it possible to create a qualitative restoration with fine margins and optimal fit in a very short time.
- Additionally, it can be polished or characterised for more vibrant aesthetics. CERASMART™270 is the right block to use, be it for a quick onlay or a challenging wear case.

### For restorations that pass the test of time

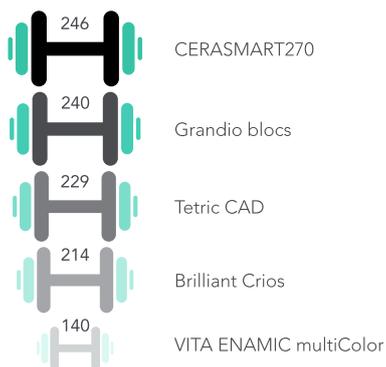


### Indications:

- **Metal free indirect restorations**
  - full crown
  - onlay
  - inlay
  - laminated veneer
- Implant supported crown
- The High Translucency (HT) blocks are mainly used to replace enamel: inlays, onlays, veneers, partial and full crowns.
- The Low Translucency blocks are intended for the replacement of dentin and enamel structures: to mask discoloured preparations, in particular for crowns.

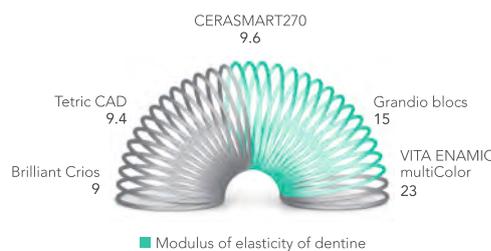
### Blending Strength & Flexibility together

- Superior strength to endure mastication forces
- High filler rate thanks to FSC technology
- Improved flexural strength for more durable restorations
- High resistance to fracture



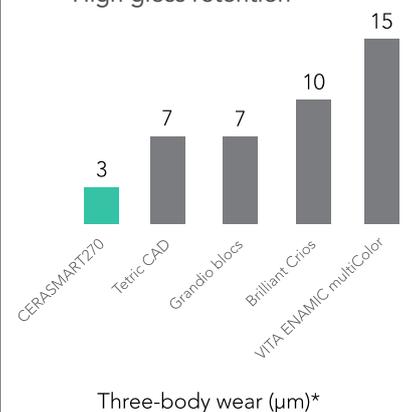
Three point flexural strength (MPa)\*

- Flexibility to absorb shock effects
  - Less stress peaks during chewing
  - Decreased risk of material fatigue
  - Extremely well suited for implant restorations



Modulus of elasticity (GPa)\*

- Wear resistance for long lasting restorations
  - Very low wear
  - Ideal for bruxist patients
  - High gloss retention



Three-body wear (µm)\*

\*Source: GC R&D, Japan, 2018. Data on file

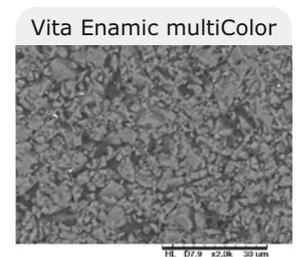
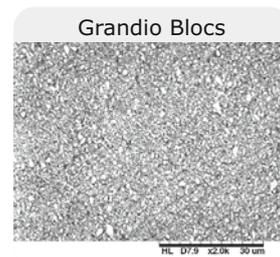
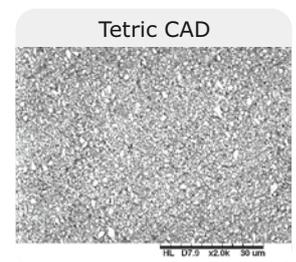
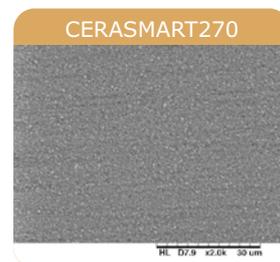
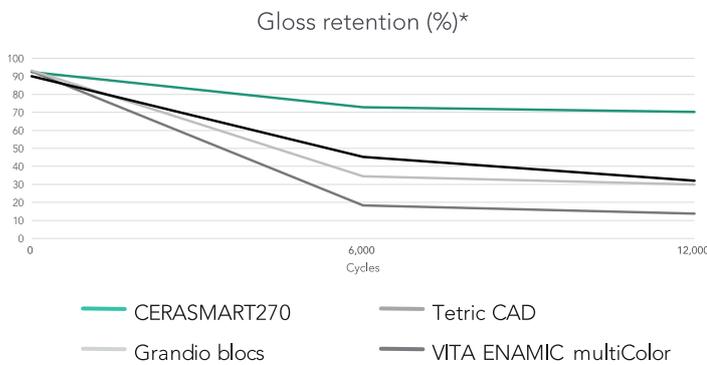
## Aesthetics and Precision

- Sharp margins that ensure a smooth transition



After quick and easy milling without chipping, you are guaranteed very precise and naturally smooth margins.

- Superior polishability and gloss retention



SEM images of CERASMART270 in comparison to competitors\*

Thanks to its ultrafine glass filler, CERASMART™270 is very easily polished and maintains a much higher gloss rate than its competitors for the same amount of time.

- Shades that blend in naturally



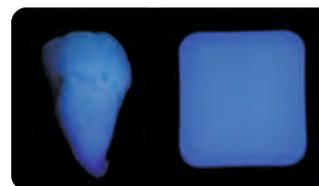
For a **natural smile** using only one shade.



Courtesy of MDT C. Hannker, Germany

- Optimal fluorescence and translucency

Natural tooth CERASMART270



**Beautiful colours** for a natural appearance. Warm, lifelike shades with an **optimally balanced fluorescence** and **opalescence**.

Natural tooth CERASMART270



## Beautiful and Easy

### Choose your finishing path

#### Characterisation

Because everything looks better in colour

Add character to your restoration with the stroke of a brush using OPTIGLAZE color, a ready to use and wear resistant glossy coating.

#### Polishing

Fast and easy polishing

An impressive gloss level can be obtained by just some simple polishing steps.



You can choose from a wide variety of colours or use the Clear glaze to add gloss only.



Polishing can be done with your standard polishing wheels and burs.

### Easy and fast pre-treatment and luting options

#### Etch or Sandblast



CERASMART270 is the only hybrid ceramic material that can be etched with hydrofluoric acid or can be sandblasted.

#### Silane or MDP



In both cases, the use of the universal G-Multi PRIMER will always be a good choice, since it contains both silane and MDP.

#### Pre-treat the tooth



Choose your etching mode depending on the presence of enamel and dentin on your preparation. Apply a bonding agent such as G-Premio BOND.

#### Lute



Use an adhesive luting agent such as G-CEM LinkForce.

Courtesy of Dr. P. Dimitrov, Bulgaria

### Luting options for restorations that last



#### G-CEM LinkForce

Universal dual cure resin cement with trusted performance.



Whenever in doubt the GC Luting App is there to help you for a correct protocol.

Precision that lasts.

Aesthetics that do not fade.

### Increase of the vertical dimension

With its high flexural strength and breaking energy, CERASMART™270 is perfectly suited to solve challenging occlusal situations. Its balanced surface hardness will be especially beneficial in reducing the wear of the opposing dentition, while ensuring a long-lasting gloss of the restoration.



Courtesy of Dr. C. Moussally, France

### Single visit restorations

With CERASMART™270 you can create durable aesthetic restorations with optimal fit in a single visit. The restoration will be milled in a few minutes and is very friendly to your milling burs.

### Replacement of a large composite restoration with parapulpal pins

The right choice for large, load-bearing restorations.



Courtesy of Dr. D. Gerdolle, Switzerland

### Implant-supported crown

The elasticity of CERASMART™270 is especially useful when placing an implant supported crown.



Courtesy of Dr. J. Tapia Guadix, Spain

### Restoration of a second molar

Natural blending with only one shade makes it a great material for a standard molar restoration.



Courtesy of Dr. Y. Roos, Spain

### Restoration of a quadrant

Perfect for creating several restorations in one appointment.



Courtesy of Dr. G. Witkowski, Poland

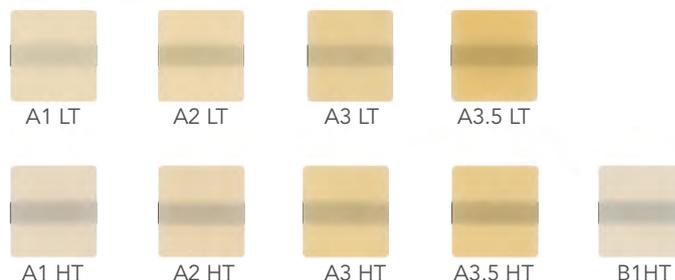
## Shade range:

Choice of translucency to adapt to all preparations



### CERASMART™270

CEREC - Qty.: 5 pcs.



CEREC		
Shade	Size	Ref.
A1 HT	14	0138F264-0010
A2 HT	14	0138F264-0020
A3 HT	14	0138F264-0030
A3.5 HT	14	0138F264-0040
B1 HT	14	0138F264-0050
A1 LT	14	0138F264-0060
A2 LT	14	0138F264-0070
A3 LT	14	0138F264-0080
A3.5 LT	14	0138F264-0090

## Related Products



G-CEM LinkForce



OPTIGLAZE color



DIAPOLISHER Paste

DIAPOLISHER Paste, G-CEM LinkForce, G-Premio BOND, G-Multi PRIMER and OPTIGLAZE color are trademarks of GC.

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