



GC

CERASMART® 270

Force absorbing hybrid
ceramic CAD/CAM block

CERASMART® 270

Smart material for smart applications!

CERASMART® 270 is an aesthetic hybrid block made to provide fast and long lasting indirect restorations. Thanks to 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 characterized for more vibrant aesthetics. CERASMART® 270 is the right block to use, be it for a quick onlay or a challenging wear case.



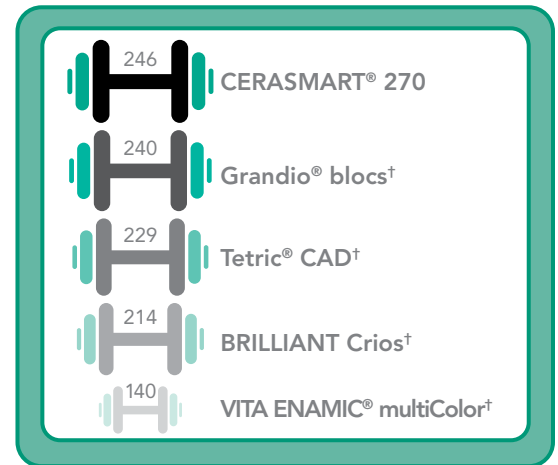
- Mills quickly and gentle on milling burs
- Virtually no chipping
- No need for sintering/crystallization firing
- Flexible, tough and fracture resistant
- Easy to polish, retains gloss over time and is self polishing
- Highly wear resistant



Exceptional strength to endure mastication forces

- High filler rate
- Improved flexural strength for highly durable restorations
- High fracture resistance

Three point flexural strength (MPa)*

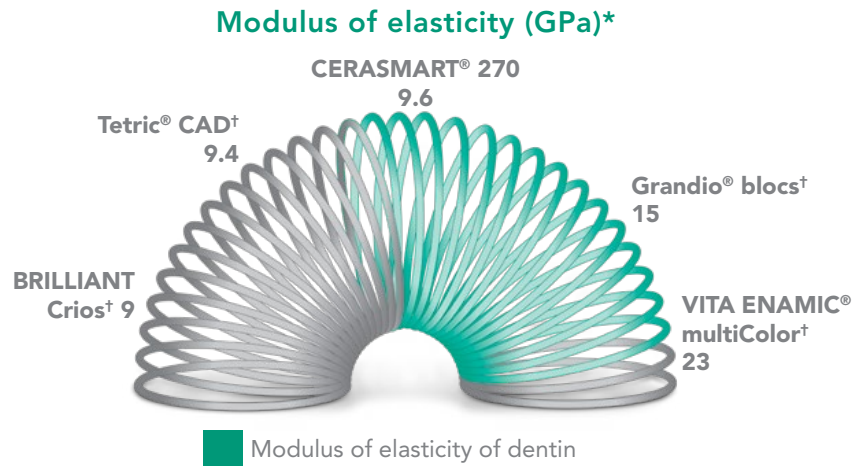


*Source: GC R&D, Japan, 2018.
Data on file.



Flexibility to absorb impact

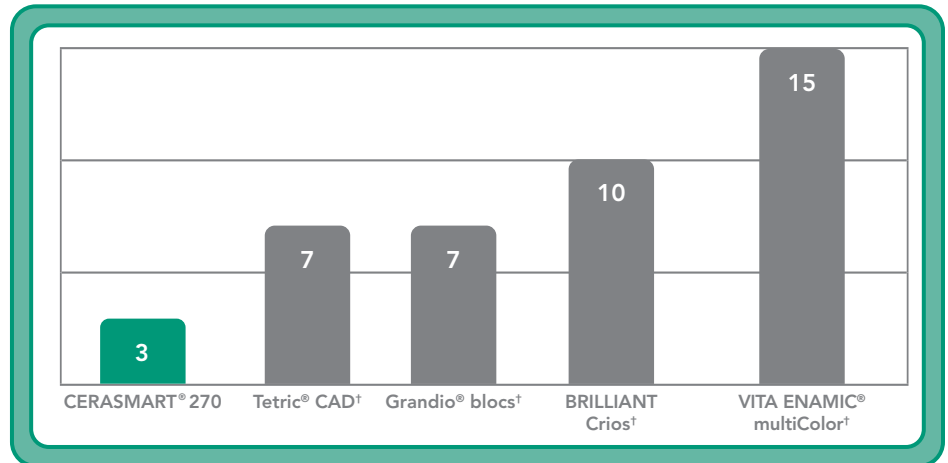
- Fewer stress peaks during chewing
- Decreased risk of material fatigue
- Extremely well suited for implant restorations



Wear resistant for long lasting restorations

- Very low wear
- Ideal for bruxist patients
- High gloss retention

Three-body wear (µm)*



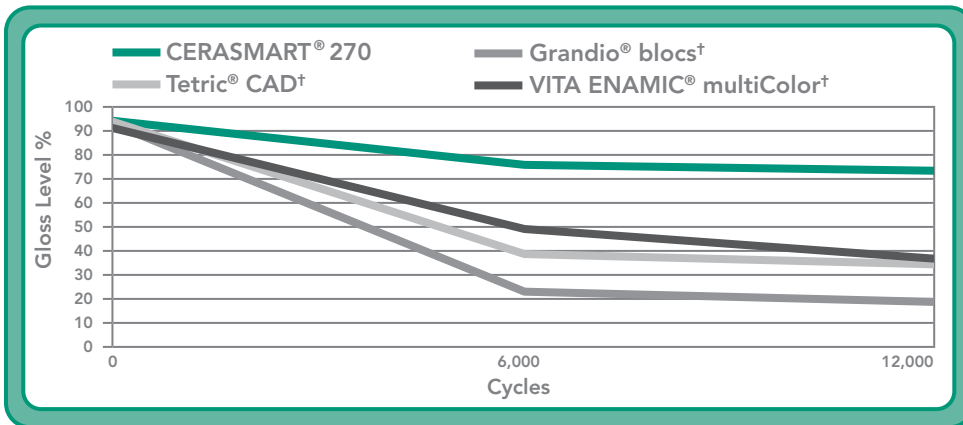
*Source: GC R&D, Japan, 2018.
Data on file.



Sharp margins that ensure a smooth transition



Very precise and smooth margins without chipping after quick and easy milling guarantees a natural fit.

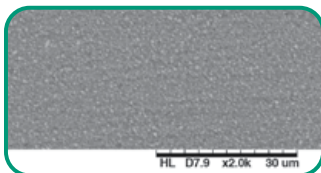


Exceptional polishability and gloss retention

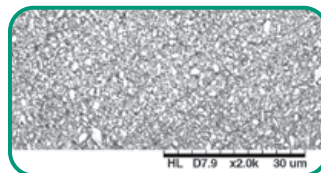
CERASMART® 270's fine filler technology polishes easily and maintains a much higher gloss rate over time.

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

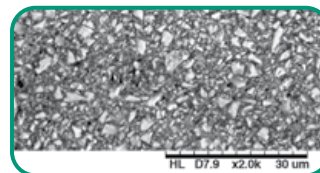
SEM images of CERASMART® 270 in comparison to competitors



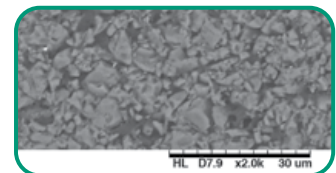
CERASMART® 270



Tetric® CAD[†]



Grandio® blocs[†]



VITA ENAMIC®
multiColor[†]

Shades that blend naturally

For a natural smile using only one shade.



Courtesy of MDT C. Hannker, Germany

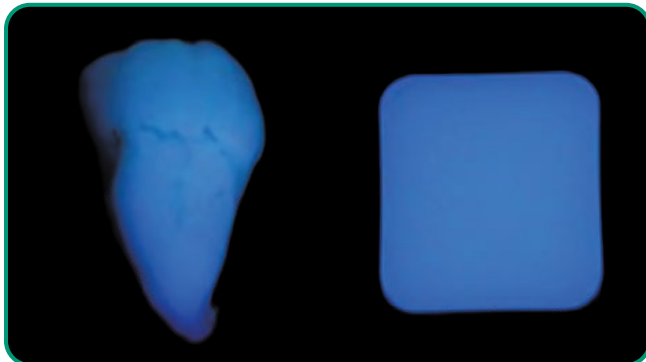


Optimal fluorescence and translucency

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

Natural tooth

CERASMART® 270



Courtesy of MDT C. Hannker, Germany

Natural tooth

CERASMART® 270





Choose your finishing path

CHARACTERIZATION

BECAUSE EVERYTHING LOOKS BETTER IN COLOR

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



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

POLISHING

FAST AND EASY POLISHING

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



Polishing can be done with standard polishing wheels and burs.

Easy, fast pre-treatment and luting options

Etch or Sandblast



CERASMART® 270 is the only hybrid ceramic material that can be etched with hydrofluoric acid or 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. 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.



Apple
App Store



Google
Play Store

Whenever in doubt the **GC Luting App** is there to help you for a correct protocol.
(Available on the App Store or Google Play.)



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 yet it will be gentle to your milling burs.



Courtesy of Dr. D. Gerdolle, Switzerland



Courtesy of Dr. J. Tapia Guadix, Spain

Replacement of a Large Composite Restoration with Parapulpal Pins

The right choice for large, load-bearing restorations.



Courtesy of Dr. Y. Roos, 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. G. Witkowski, Poland

Restoration of a Quadrant

Perfect for creating several restorations in one appointment.

CERASMART® 270 from GC

Natural fit and flexibility



Related Products



G-CEM LinkForce®

Universal dual cure resin cement with trusted performance.



G-aenial™ Universal Injectable

Universal light-cured radiopaque injectable composite for high aesthetic demands.



OPTIGLAZE™ color

Light-cured characterization coating for composite and acrylic indirect restorations.



DIAPOLISHER Paste

Diamond paste for final high luster polishing of direct, indirect composite resin and porcelain restoration.

CERASMART® 270 CEREC®† Block

012396CERASMART® 270 12 A1 HT CEREC®† (5 blocks)
012397CERASMART® 270 12 A2 HT CEREC®† (5 blocks)
012398CERASMART® 270 12 A3 HT CEREC®† (5 blocks)
012399CERASMART® 270 12 A3.5 HT CEREC®† (5 blocks)
012400CERASMART® 270 12 B1 HT CEREC®† (5 blocks)
012401CERASMART® 270 12 A1 LT CEREC®† (5 blocks)
012402CERASMART® 270 12 A2 LT CEREC®† (5 blocks)
012403CERASMART® 270 12 A3 LT CEREC®† (5 blocks)
012404CERASMART® 270 12 A3.5 LT CEREC®† (5 blocks)
012406CERASMART® 270 12 B1 LT CEREC®† (5 blocks)
012407CERASMART® 270 12 BL CEREC®† (5 blocks)
012444CERASMART® 270 14 A1 HT CEREC®† (5 blocks)
012445CERASMART® 270 14 A2 HT CEREC®† (5 blocks)
012446CERASMART® 270 14 A3 HT CEREC®† (5 blocks)
012447CERASMART® 270 14 A3.5 HT CEREC®† (5 blocks)
012448CERASMART® 270 14 B1 HT CEREC®† (5 blocks)
012449CERASMART® 270 14 A1 LT CEREC®† (5 blocks)
012450CERASMART® 270 14 A2 LT CEREC®† (5 blocks)
012451CERASMART® 270 14 A3 LT CEREC®† (5 blocks)
012452CERASMART® 270 14 A3.5 LT CEREC®† (5 blocks)
012454CERASMART® 270 14 B1 LT CEREC®† (5 blocks)
012455CERASMART® 270 14 BL CEREC®† (5 blocks)
012492CERASMART® 270 14L A1 HT CEREC®† (5 blocks)
012493CERASMART® 270 14L A2 HT CEREC®† (5 blocks)
012494CERASMART® 270 14L A3 HT CEREC®† (5 blocks)
012495CERASMART® 270 14L A3.5 HT CEREC®† (5 blocks)
012496CERASMART® 270 14L B1 HT CEREC®† (5 blocks)
012497CERASMART® 270 14L A1 LT CEREC®† (5 blocks)
012498CERASMART® 270 14L A2 LT CEREC®† (5 blocks)
012499CERASMART® 270 14L A3 LT CEREC®† (5 blocks)
012500CERASMART® 270 14L A3.5 LT CEREC®† (5 blocks)
012502CERASMART® 270 14L B1 LT CEREC®† (5 blocks)
012503CERASMART® 270 14L BL CEREC®† (5 blocks)

CERASMART® 270 Universal Block

012408CERASMART® 270 12 A1 HT Universal (5 blocks)
012409CERASMART® 270 12 A2 HT Universal (5 blocks)
012410CERASMART® 270 12 A3 HT Universal (5 blocks)
012411CERASMART® 270 12 A3.5 HT Universal (5 blocks)
012412CERASMART® 270 12 B1 HT Universal (5 blocks)
012413CERASMART® 270 12 A1 LT Universal (5 blocks)
012414CERASMART® 270 12 A2 LT Universal (5 blocks)
012415CERASMART® 270 12 A3 LT Universal (5 blocks)
012416CERASMART® 270 12 A3.5 LT Universal (5 blocks)
012418CERASMART® 270 12 B1 LT Universal (5 blocks)
012419CERASMART® 270 12 BL Universal (5 blocks)
012456CERASMART® 270 14 A1 HT Universal (5 blocks)
012457CERASMART® 270 14 A2 HT Universal (5 blocks)
012458CERASMART® 270 14 A3 HT Universal (5 blocks)
012459CERASMART® 270 14 A3.5 HT Universal (5 blocks)
012460CERASMART® 270 14 B1 HT Universal (5 blocks)
012461CERASMART® 270 14 A1 LT Universal (5 blocks)
012462CERASMART® 270 14 A2 LT Universal (5 blocks)
012463CERASMART® 270 14 A3 LT Universal (5 blocks)
012464CERASMART® 270 14 A3.5 LT Universal (5 blocks)
012466CERASMART® 270 14 B1 LT Universal (5 blocks)
012467CERASMART® 270 14 BL Universal (5 blocks)
012504CERASMART® 270 14L A1 HT Universal (5 blocks)
012505CERASMART® 270 14L A2 HT Universal (5 blocks)
012506CERASMART® 270 14L A3 HT Universal (5 blocks)
012507CERASMART® 270 14L A3.5 HT Universal (5 blocks)
012508CERASMART® 270 14L B1 HT Universal (5 blocks)
012509CERASMART® 270 14L A1 LT Universal (5 blocks)
012510CERASMART® 270 14L A2 LT Universal (5 blocks)
012511CERASMART® 270 14L A3 LT Universal (5 blocks)
012512CERASMART® 270 14L A3.5 LT Universal (5 blocks)
012514CERASMART® 270 14L B1 LT Universal (5 blocks)
012515CERASMART® 270 14L BL Universal (5 blocks)



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