

Capo Slow Flow

Flowable composite
with excellent physical
properties



CAPO *Slow Flow*

Capo Slow Flow

This composite combines the easy handling of flowable composites with the exceptional physical properties of paste.

Capo Slow Flow is a light-curing composite with which you perform minimally invasive restorations such as fissure sealing or cervical caries in the anterior and posterior tooth areas.

The flowability of the composite together with its stability ensures pleasant handling and enough time to model the restoration. This material can also be used in undercuts for a precise application. This means you'll work quick and economical.

Further benefits:

- Very high filler content (77 % by weight)
- Free of Bis-GMA
- No dripping
- Easy to apply
- Polishes quickly and easily for excellent surface gloss
- Exceptional flowability even in undercuts
- Compatible with most available composites as well as adhesive and bonding systems
- Natural color adaption
- High radiopacity (210 % Al) ensures an even higher level of treatment safety

Thanks to the special color particles, you will achieve convincing results which can be applied aesthetically to the natural dental color scheme, giving you long-lasting and durable fillings.

The filler content of 77 % (percentage by weight) and the different particle sizes provide exceptional physical properties such as minimized shrinkage and high Vickers hardness.

Indications for use:

- Fissure sealing
- Black's class V fillings (cervical caries, root erosion, V-shaped defects)
- Minimally invasive fillings of Black's classes I, II and III
- Correction of enamel defects
- Blocking-out undercuts
- Smaller corrections to the form and color of the enamel
- Available as a 2 g syringe including 10 application tips

Physical properties

	Mean value
Vickers hardness (MPa)	794
3-point-strength (MPa)	144
Young's modulus (MPa)	12316
Compression strength (MPa)	431

Source: Fraunhofer Institut für Keramische Technologien und Systeme, Dresden/Germany

Radiopacity 210 % Al

Filler content 77 % (percentage by weight)

Source: Schütz Dental GmbH, Internal measurements, Rosbach/Germany

Available colors

Art. No.	Color
232061	A1
232062	A2
232063	A3
232064	A3,5
232065	B1
232066	B2
232067	B3
232068	transparent

Application example 1

Preventative fissure sealing in a maxillary molar

1



Initial condition: Absence of dental caries, deep fissures on 26/27.

2



Following etching with phosphoric acid for 60 sec.: Application of the bonding agent, then application of Capo Slow Flow.

3



Readily polished fissure sealing on 26/27. The material is visibly aesthetically blended to the natural dental color scheme.

Application example 2

Class V filling

1



Initial condition: V-shaped lesion on tooth 12.

2



The surface is roughened and etched: After application of the bonding agent, material application.

3

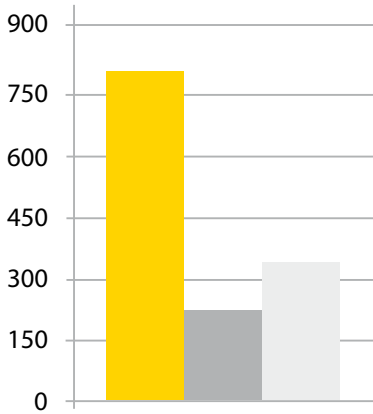


The final filling, prepared and polished on tooth 12.

Note: Please adhere to the instructions provided with the material. The responsibility remains with the attending dentist.

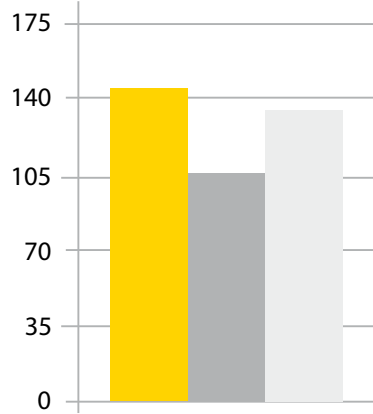
Scientific tests

Physical tests

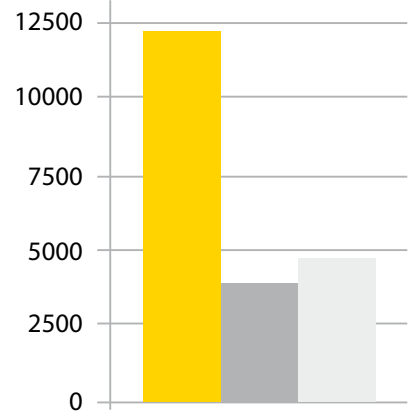


Vickers hardness (MPa)

Source: Fraunhofer Institut für Keramische Technologien und Systeme, Dresden/Germany

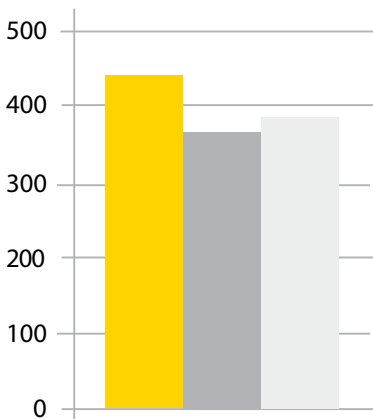


3-point-strength (MPa)



Young's modulus (MPa)

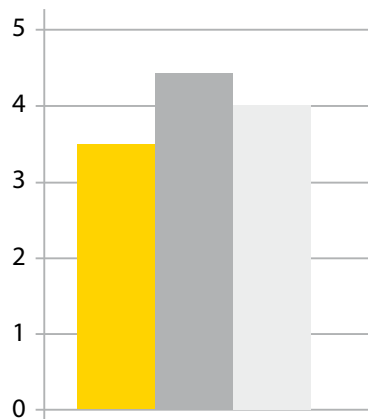
Physical tests



Compression strength (MPa)

Source: Fraunhofer Institut für Keramische Technologien und Systeme, Dresden/Germany

Polymerization shrinkage test



Average total shrinkage (%)

Source: Schütz Dental GmbH, Internal measurements, Rosbach/Germany

- Capo Slow Flow (Schütz Dental GmbH)
- Competitor 1
- Competitor 2

Cytotoxicity test

„No relevant leachable substances were released from the test item in cytotoxic concentrations. Therefore, the test item can be classified as non-cytotoxic.“

This means, that the test conducted by BSL Bioservice GmbH show that Capo Slow Flow has no cytotoxic effects.

Source: BSL BIOSERVICE Scientific Laboratories GmbH Planegg/Germany



The Capo product family

Capo Natural

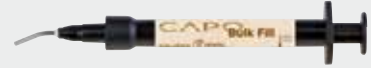
Ultra-fine micro hybrid composite with improved abrasion characteristics. Available in different tooth shades. High biocompatibility.



Art. No. 232055

Capo Bulk Fill

Light-curing composite for posterior restorations suitable for layers with a thickness of up to 4 mm.



Art. No. 232060

Capo Universal

Has the same great features as Capo Natural. Available in one universal color for posterior restorations. High brilliance.



Art. No. 232054

Capo Etch Set

Safe and fast etching of dentin and enamel. High viscosity and excellent contrast to natural teeth, which makes the product easy and safe to apply.



Art. No. 234013

Capo Bond Set

Multifunctional, light curing 1-component primer and bonding system, ethanol based. Excellent bonding strength on dentin and enamel.



Art. No. 234014

ReVeneer Adhesive Set

Ceramic repair system consisting of primer, repair paste and composite. Esthetic, lasting, safe, acid- and silane-free.



Art. No. 232205

For detailed information about the studies please contact us:

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Presented by



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