

Heraeus

$1 + 1 = \text{Charisma}$

*Introducing:*

*The new submicron-  
hybrid composite  
of Charisma<sup>®</sup>:*

*Charisma<sup>®</sup> OPAL.*

The new Charisma<sup>®</sup> OPAL.

**CHARISMA<sup>®</sup>**

Simplicity + Usability = Beauty



Charisma®

**Simplicity + Usability = Beauty**

A woman with long dark hair, wearing a bright red dress, is standing in front of a dark grey chalkboard. She is smiling and looking towards the camera while holding a piece of white chalk in her right hand, as if she has just finished writing. The chalkboard has the equation '1 + 1 = Charisma' written on it in white chalk. There are two horizontal lines drawn on the board, one above and one below the equation.

*1 + 1 = Charisma*

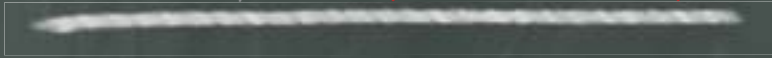
Since Heraeus Kulzer launched the universal composite Charisma in 1991, the Charisma brand has become a synonym for **easy handling, reliability, and natural aesthetics**. Successful on the market for over 16 years and millions of fillings placed indicate that Charisma was already way ahead of its time when launched and set the gold standard for hybrid composites.

*Charisma® Opal -  
The new submicron-  
hybrid Composite*

A new advanced composite has now been developed: **Charisma Opal**. It enables the creation of beautiful, invisible restorations in an even simpler and more usable manner. With its intrinsic color characteristics mimicking natural tooth substance and its comprehensible shade system, **Charisma Opal** fulfills all wishes to provide patients with the best treatments possible - in the least time possible.



## Charisma® Opal - *Easy-to-Achieve Beauty*



Charisma Opal is the new universal light-curing submicron-hybrid composite. Its filler technology is based on X-ray opaque Microglass® and highly dispersive silicon dioxide. This does not only provide Charisma Opal with pronounced chameleon effects but also with high radio-opacity.

### Indications:

- ☑ Fillings of the classes I-V according to Black
- ☑ Shape and shade corrections of teeth (i.e. diastema closure)
- ☑ Splinting of teeth loosened by trauma or periodontal disease
- ☑ Restorations of primary teeth
- ☑ Temporary repairs of porcelain and composite (in combination with an adequate repair-system)
- ☑ Direct composite veneers
- ☑ Core build-up

### The 2-Layer Shade Guide

Wrong shade matching is one of the most common reasons to renew restorations; Charisma Opal has a 2-Layer shade guide which is hand-layered and made of original material to determine the right color for a filling.

The shade guide consists of a base layer of opaque dentine shade (e.g. OM – opaque medium) covered by a layer of universal enamel shade (e.g. A2). The cervical region of the tab shows the opaque dentine shade, the cross section shows the universal enamel shade, and the region in the middle shows the transition of both. The corresponding layer pattern is presented in a table on the reverse side of the 2-Layer shade guide. It shows you the exact color effect of the final reconstruction.



**Shade matching has never been this easy and accurate!**

# Charisma® Opal – Naturality + Beauty = Convenience

## *Charisma® Opal - Intrinsic Natural Shades*

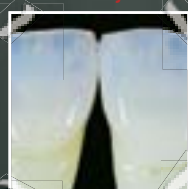


Tooth colour is not only represented by hue, value and saturation. It is a complex composition of several dimensions like translucency, opalescence and fluorescence. For a restoration to look natural, the restorative material has to exhibit all dimensions of colour.

Charisma Opal's intrinsic characteristics reproduce the tooth color of the patient's surrounding dental substance taking opalescence, fluorescence, and translucent effects into account. There is no need to invest a lot of time to achieve high aesthetics any more – Charisma Opal does it for you!

## *Natural Colour Characteristics Recreated*

### *Translucency*



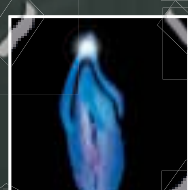
Translucency in dental enamel is higher than the one shown in dentine. Charisma Opal offers opaque dentine shades and semi-translucent universal enamel shades to mimic these characteristics.

### *Opalescence*



When light penetrates dental enamel, diffusion and refraction occur. This is the origin of the optical effect of opalescence. Charisma Opal's special filler technology shows this opalescent effect giving each restoration the desired natural touch.

### *Fluorescence*



When natural teeth are subjected to ultraviolet light, e.g. in bars or discotheques, they show a predominantly white fluorescence with a slight tendency to blue. Due to fluorescing pigments in Charisma Opal, reconstructions can be produced with characteristics matching natural teeth.





*Charisma® Opal - Natural Beauty Step by Step*



1) Initial situation



2) Cavity preparation



3) Application of the adhesive system  
(GLUMA Comfort Bond + Desensitizer)



4) Polishing



5) Final Charisma Opal restoration

Clinical pictures: Dr. Marcus Holzemeier, Germany



Before



After

Clinical pictures: Dr. Donna Abarquez, Philippines



Before



After



# Charisma® Opal – Performance + Quality = Reliability

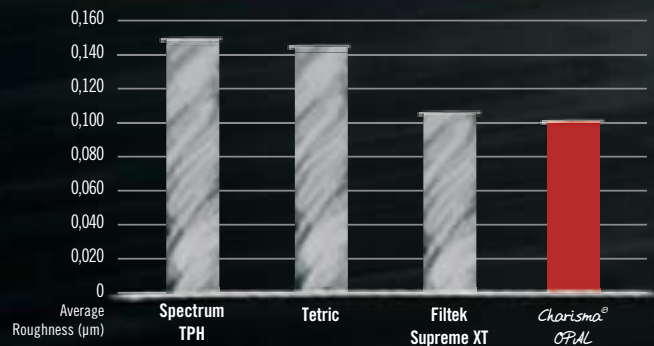
## Charisma® Opal – Proven Performance and Properties

According to research groups worldwide, Charisma Opal covers all demands of a universal composite system as it combines great aesthetics and polishability with equilibrated physical properties.

### Charisma® Opal – Easy Polishing, High Gloss

Charisma Opal showed the lowest average surface roughness of all tested materials what leads to a high gloss polishing as well as low plaque accumulation.

### Polishability of 4 composites with different polishing systems



Source: Fraunhofer Institut IWM, Freiburg, Germany  
Unpublished. Data on file.

### Charisma® Opal – Benefits at a Glance

- Based on Charisma's long-term experience
- Compact shade system with 14 shades for every indication
- Easy shade matching with the 2-Layer shade guide made from original composite
- Natural fluorescence and opalescence effects as well as optimized opacities for naturally beautiful restorations
- New ergonomic syringe with easy shade recognition

*Product*

*Art. No.*

**Assortments**

- ⇒ **Charisma Opal/GLUMA Comfort Bond + Desensitizer Basic Syringe Combi** \_\_\_\_\_ **66038307**  
 1 x 4 g twist syringe each of shades  
 A2, A3, A3.5, B2, CO, OD  
 1 shade guide, mixing pad, pictorial cards,  
 1 x 4 ml GLUMA Comfort Bond + Desensitizer  
 2 x 2.5 ml GLUMA Etch 20 Gel,  
 applicator tips, cannulas, mixing well



- ⇒ **Charisma Opal/GLUMA Comfort Bond + Desensitizer Master Syringe Combi** \_\_\_\_\_ **66038308**  
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**Refills**

Each Charisma Opal syringe contains 4 g

- ⇒ SYR – **A1** \_\_\_\_\_ **66037689**
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- ⇒ SYR – **OD (Opaque Dark)** \_\_\_\_\_ **66037685**
- ⇒ SYR – **CO (Clear Opal)** \_\_\_\_\_ **66037687**
- ⇒ **Charisma Opal 2-Layer shade guide** \_\_\_\_\_ **66037881**



#### Contact in Germany

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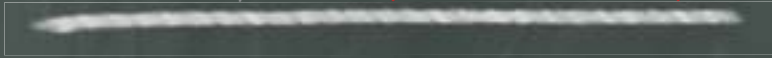
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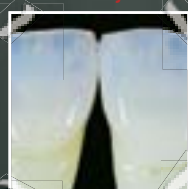


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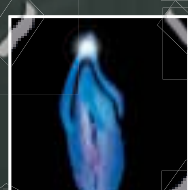
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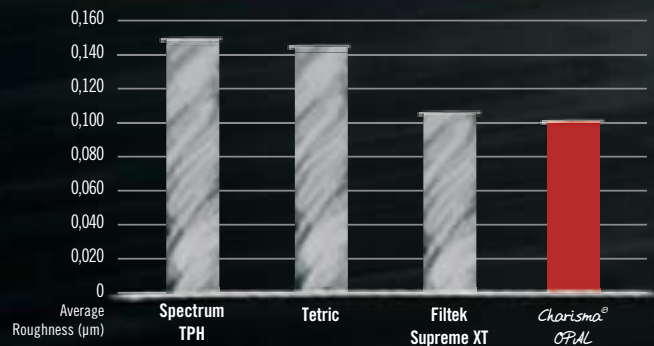
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