



## **CHARISMA BULK FLOW ONE FULFILS WISH FOR SIMPLIFICATION**

### **Premiere: Kulzer introduces the first flowable, single-colour bulk-fill composite without additional capping layer**

Hanau/01.08.2022. With Charisma Bulk Flow ONE Kulzer responds to dentist's demand for one layer of bulk filling without additional capping, making it the universal solution for everyday restorations in the posterior region. Due to its excellent shade matching properties, a restoration with the new Charisma Bulk Flow ONE fits seamlessly by blending into any surrounding dentition. The composite also ensures improved mechanical properties, thus expanding the successful Charisma Diamond/Charisma Topaz ONE portfolio.

“The flowable bulk-fill composite is a consistent evolution of our ONE Shade product, with which we are responding directly to the needs of our customers,” explains Dr Andreas Utterodt, Senior Scientist at Kulzer and adds: “After the successful introduction of Charisma Diamond/Topaz ONE Shade, there was the wish for a flowable bulk-fill material with universal colour matching – the result is a modern composite that is suitable for the majority of filling therapies.” To achieve this, Charisma Bulk Flow ONE combines the self-levelling effect of a flowable material with a high curing depth and good stability after application. This allows to place increments of up to 4 mm. Since a universal composite as an additional capping layer is not mandatory with this solution, dentists benefit from a reduced treatment time. However, dentists still can place an additional layer on top, if desired to imitate the occlusal tooth morphology more naturally. An efficient restoration procedure is also possible due to its wide range of indications: Charisma Bulk Flow ONE simplifies direct restorations of Class I, II, III and V cavities (according to G. V. Black). As the bulk filling reduces the chair time for the patients, it is ideal for the restoration of primary teeth. Moreover, it can be used for cavity lining and bulk base in Class I and II cavities and is suitable for splinting of teeth loosened by trauma or periodontal disease as well as for repairs of temporary and permanent indirect and direct restorations.

By using Charisma Bulk Flow ONE, dentist always select the right shade. In fact, the Kulzer composite determines the shade of the restoration by absorbing the light waves that are reflected by the surrounding tooth shade and thus blend seamlessly into the



surrounding dentition. Thanks to these shade matching properties, Charisma Bulk Flow ONE saves time as no shade selection is needed. It represents the first flowable one-shade bulk-filling composite in the dental market that adapts to any tooth shade from A1 to D4. "The daily practice routine and the patient situation do not always allow time-consuming restorations and shade selections," says Dr Andreas Utterodt, "so a simpler solution with less time expenditure and a nevertheless convincing aesthetic result fits perfectly into every practice. This is a win-win situation for users and patients."

Charisma Bulk Flow ONE fulfils manifold requirements for successful composite restorations, thus dentists obtain durable restorations due to low shrinkage stress, high flexural strength and wear resistance. The innovative Charisma formula promises long-lasting pleasing and reliable restorations with a permanent, natural lustre. Charisma Bulk Flow ONE additionally convinces through efficient handling properties and easy polishability, while its high radiopacity of more than 250% Aluminum equivalent, which is more radiopaque than enamel, ensures reliable diagnosis.

## Figures:



*Charisma Bulk Flow ONE – for efficient restorations in the posterior region*



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*Charisma Bulk Flow ONE simplifies and streamlines the restorative process*

**Video: ONE shading meets bulk filling – Charisma Bulk Flow ONE**



[www.kulzer.com/charisma-ONE-shading-meets-bulk-filling](http://www.kulzer.com/charisma-ONE-shading-meets-bulk-filling)



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## **Kulzer GmbH**

As one of the world's leading dental companies, Kulzer has been a reliable partner for all dental professionals for more than 85 years. Whether aesthetic or digital dentistry, tooth preservation, prosthetics or periodontology, Kulzer stands for trusted and innovative dental products. With optimal solutions and services, Kulzer aims to support its customers in restoring their patients' oral health in a safe, simple and efficient way. For this purpose, more than 1400 employees work in 26 locations in the fields of research, manufacturing and marketing. Kulzer is part of the Mitsui Chemicals Group. The Japanese Mitsui Chemicals Inc. (MCI) based in Tokyo owns 131 affiliates with more than 18,000 employees in 27 countries. Its innovative and functional chemical products are as much in demand in the automotive, electronics and packaging industries as in environmental protection and healthcare.

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