© Tokuyama OMNICHROMA Never take a shade again!





before

after

Contrained Derived

Infinite Shades ...in one pigment-free paste!

• OMNICHROMA Flow



Case Author: Drs. Erik-Jan Muts M.Sc, Netherlands

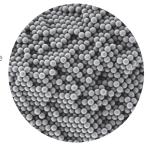
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Omnichroma Opalesces Tooth Shades & Mimics Adjacent Tooth Structure

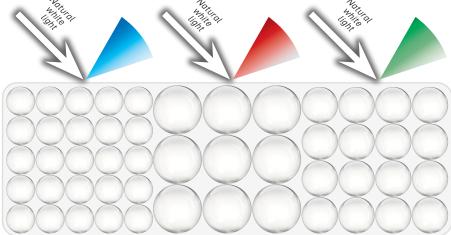
A 'Coloured' Opal is actually colourless



SEM Image of an Opal



How an Opal Diffracts Natural White Light



0.35µm diffract red light

Opals consist of ordered clusters of clear, pigmentfree silica spheres of uniform diameter. Each cluster, based on the diameter of its spheres, diffracts natural light to reveal a different part of the visible spectrum.

> Scan to view an Opal in action



Tooth-shade Omnichroma is actually colourless

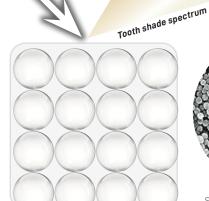
0.25µm diffract green light

Omnichroma consists of clustered pigment-free spheres with a uniform diameter of 0.26µm. It diffracts natural light to reveal only tooth shades.

Unlike other "shadeless" composites, Omnichroma is transparent and relies entirely on opalescence and the surrounding tooth structure to replicate the shade.



SEM Image of Omnichroma Source: Tokuyama



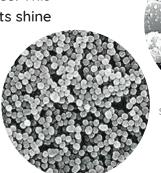
0.20um diffract blue light

0.26µm diffract tooth shades

More Spherical Clinical Advantages

Omnichroma's uniform spherical fillers are securely bonded, creating a **remarkably smooth, wear-resistant surface**. This design allows for a **mirror-like polish** that maintains its shine over time. The spherical fillers also reflect light evenly, closely **emulating natural tooth enamel**, and make the material **easier to work with and shape**, as many users attest.

In contrast, conventional composites with rougher surfaces are more difficult to polish, scatter light irregularly - making them duller with a less natural appearance - and can be abrasive to adjacent teeth.



SEM Image of Conventional Composite Material Source: Tokuyama

SEM Image of Omnichroma Source: Tokuyama

Omnichroma Anterior Restorations



before



after

Author: Dr. Marco Bambace, Italy



before

Omnichroma performs exceptionally in both anteriors and posteriors.



after

Author: Dr. Péter Horváth, Budapest

Scan QR to view more clinical cases



OMNICHROMA Product Range



Scan to view the full **Tokuyama** range



To order or request a demo, contact: **Trycare** 01274 **88 55 44** dental@trycare.co.uk