

BIO plus
By Elsodent



PUREFILL 2

Nano-hybrid, antero-posterior biocompatible composite

TEGDMA, Bis GMA, BPA, HEMA-free

Features

- High conversion rate > 70%.
- Very low shrinkage, ~20%.
- Does not stick to instruments.
- Aesthetic.
- Excellent polishability.
- Highly filled.
- Stable over time, does not polymerize under the chair light.

Indications

- Posterior restorations (class I, class II, MOD).
- Anterior restorations (class III and class IV).
- Class V cavities.
- Aesthetic corrections (diastema, hypoplasia, discoloration).



References & presentations

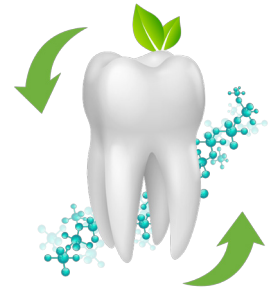
PUR2-3-* 3g syringe. Available in the following VITA shades: A1/B1 - A2 - A3 - A3,5 - B2.

PUR2-5-* 20 x 0,25g compules. Available in the following VITA shades: A1/B1 - A2 - A3 - A3,5 - B2.

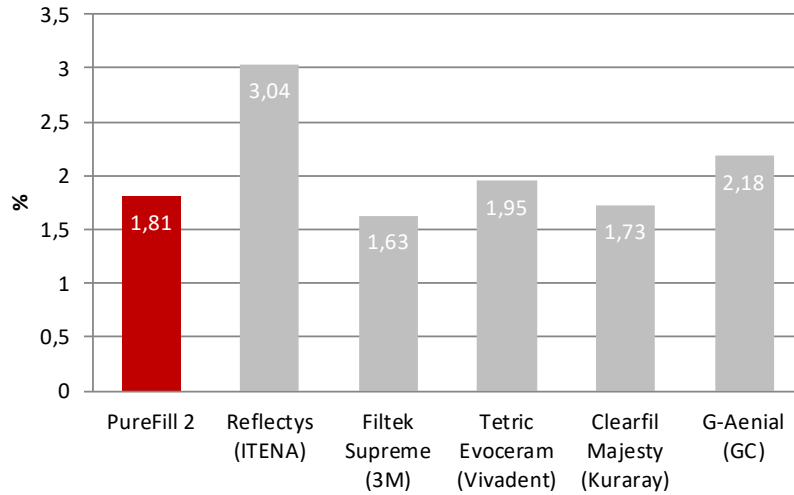
* Shade

MD : Class IIa certified by Tüv Rheinland (0197). Manufacturer: G-Pharma.

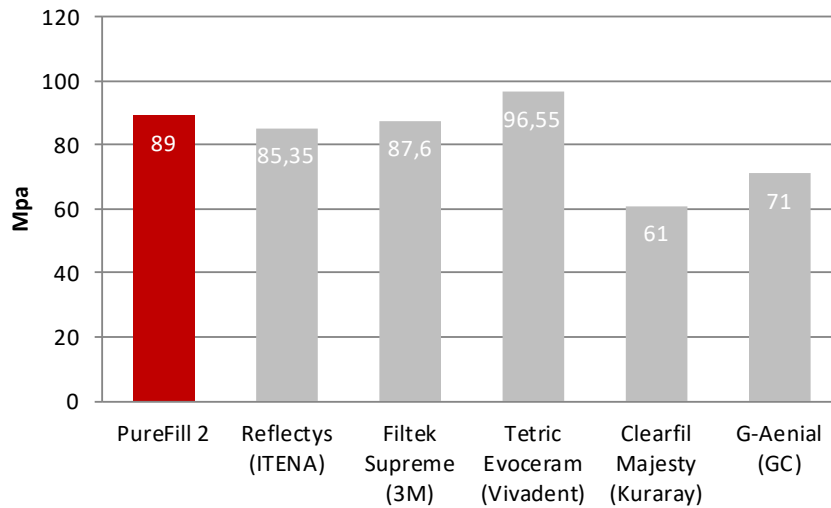
PHYSICO-CHEMICAL COMPARATIVE TESTS



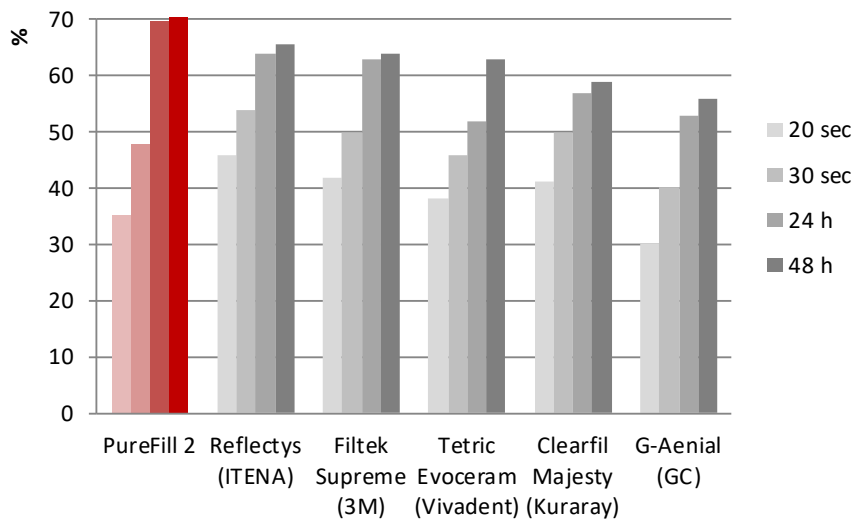
Shrinkage*



Flexural strength*



Conversion rate*



* Tests conducted by G-Pharma. Volumetric shrinkage was determined by dentistry measurements according to Archimedes Principe and ISO 17304-2013. Flexural strength: tests carried out with a Zwick equipment following the ISO 4049 : 2009 norm. Conversion rate : the degree of conversion was evaluated using a FTIR spectrometer with an attenuated total reflectance (ATR) accessory. The polymerization has been conducted by an Elsodent lamp: 9mm of diameter and 600mW/cm² power at room temperature (20°C).