

NEXT



ARKONA

Created by Dentists for Dentists

Soft and easy

Light-cured, universal microhybrid composite for tooth restoration. NEXT provides exceptional comfort of work thanks to its easy and smooth forming. This allows for precise fillings.

The product was developed based on the opinions of dentists who searched for natural features of tooth tissue in composites. Carefully thought-out parameters of the composite guarantee durability of the filling and its features similar to the parameters of natural teeth.



PRODUCT FEATURES:

- **Soft and easy to use**, it is convenient to model, perfectly fits in the cavity space,
- **Low polymerization shrinkage** - only 1.7%, which translates into better marginal tightness and a lower risk of microleakage.
- **Optimized chemical composition** and distribution of product molecules allows for achieving high mechanical strength and hydrolytic stability, which ensures the durability of the product.
- **High mechanical strength** regardless of the color and power of the lamp used for polymerization, guarantees the durability of the filling. You can choose any product from the palette without worries, because each is equally durable.
- **High abrasion resistance**
- **Perfectly visible in X-ray**

INDICATIONS:

- Class cavities: I, II, III, IV and V according to Black, fillings in primary and permanent teeth
- Tooth stabilizing splints, permanent - outer or inner layer
- Tooth stabilizing splints, temporary - outer layer
- Repair of composite and acrylic prosthetic restorations

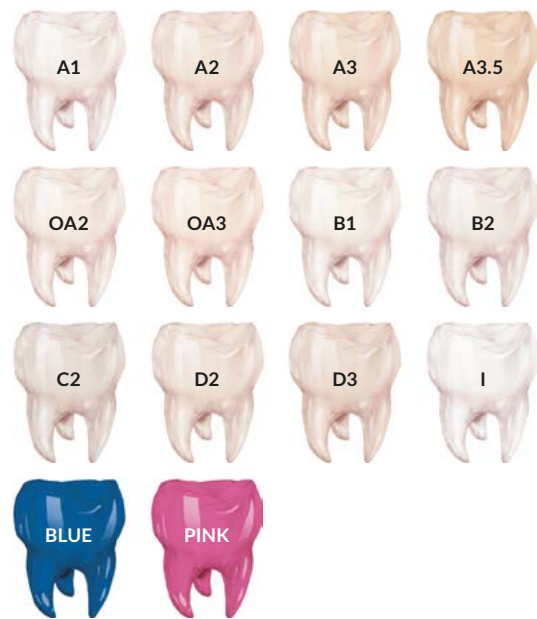
The product is especially recommended in pediatric dentistry, allowing the preparation of a cavity in **PINK** or **BLUE**.

NEXT

Universal, light cure,
microhybrid composite

AVAILABLE IN COLOURS

A1, A2, A3, A3.5, OA2, OA3, B1, B2, C2, D2, D3, I, **BLUE**, **PINK**



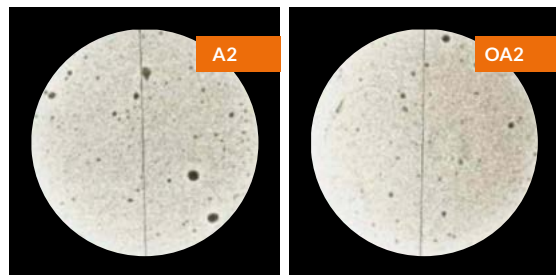
COMPOSITION

The specially selected composition of the product ensures its quality, durability and softness of work.

- dimethacrylate resins
- mineral fillers - about 78% of the composite
- photoinitiating system
- inhibitors, stabilisers, pigments

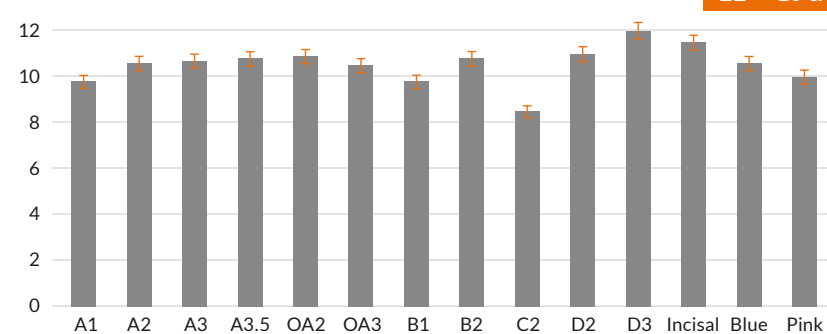
RADIOPACITY

The contrast is excellent regardless of the shade.



Radiographs of NEXT specimens
(d = 8 mm, h = 1 mm); 175-215 greyscale
(with corresponds to 5-6 mm Al)

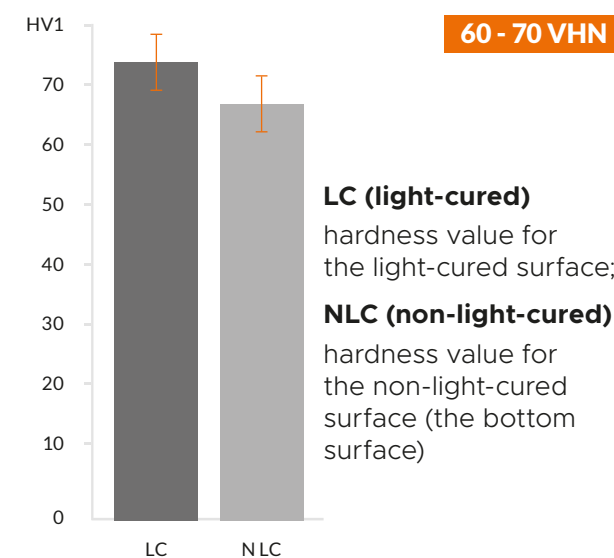
FLEXURAL MODULUS



Flexural modulus at the level of 11 GPa allows for minimal volume shrinkage - the polymerisation shrinkage is only 1,7%. This also makes composite easy for flow and fill the cavity equally. This stands for an excellent marginal seal of restoration.

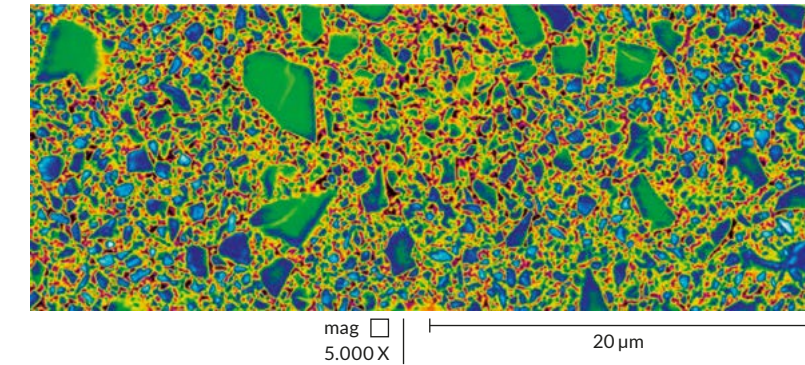
VIKERS HARDNESS, HV1

Optimally designed composite hardness ensures high abrasion resistance while being safe for natural teeth.



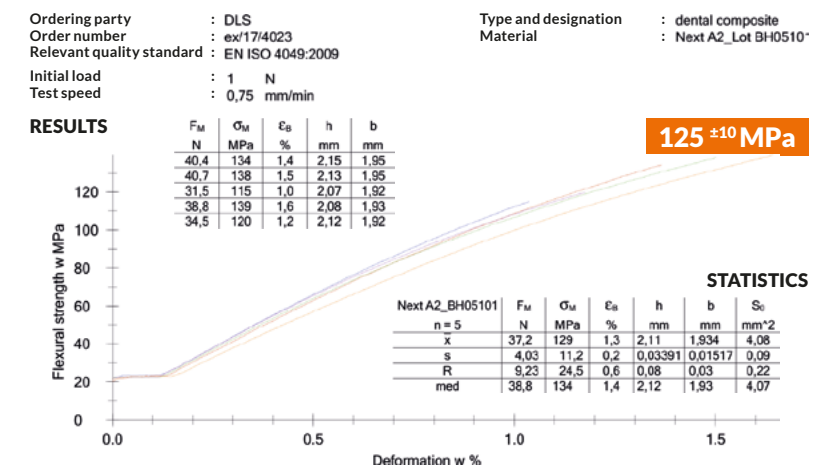
OPTIMAL FILLERS DISTRIBUTION

The optimal size and uniform distribution of filler particles in the organic matrix guarantee high mechanical strength and resistance to hydrolysis of NEXT.



FLEXURAL STRENGTH

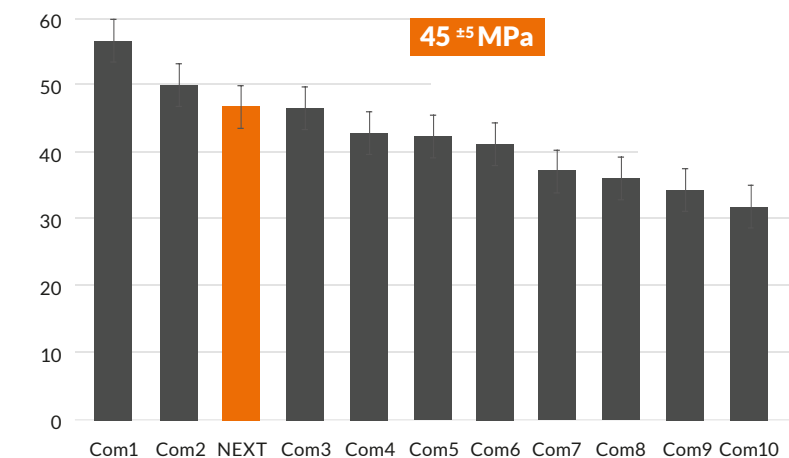
NEXT has high level of flexural strength regardless of the shade and the power of curing lamp. In accordance with ISO 4049 the minimum of this parameter is 80Mpa. NEXT exceeds this ensuring high durability of work.



NEXT has high levels of flexural strength regardless of the shade and the power of the curing lamp.

DIAMETRAL TENSILE STRENGTH

A well-balanced DTS ensures that dental composites offer both strength and flexibility, making them reliable for long-term clinical performance.



Clinical cases with NEXT

FOR CHILDREN

The product is used especially in pediatric dentistry, allowing the preparation of a cavity in **PINK** or **BLUE**. This pictures shows the clinical case of 6 years old girl, with indication for use of paste composite for treatment of carries. The result is properly treated cavity with NEXT composite in blue and pink.



before



after

FOR ADULTS

For a standard everyday treatment NEXT is a composite that meets all technical requirements and is soft and easy to work. A slightly flowable form of composite enables to distribute product equally, fill all gaps and model with ease.



before



after



ARKONA

Created by Dentists for Dentists

ARKONA Laboratorium Farmakologii Stomatologicznej
Nasutów 99C, 21-025 Niemce, Poland, EU
+48 887 883 005, +48 664 407 296

Export department: export@arkonadent.com



www.arkonadent.com