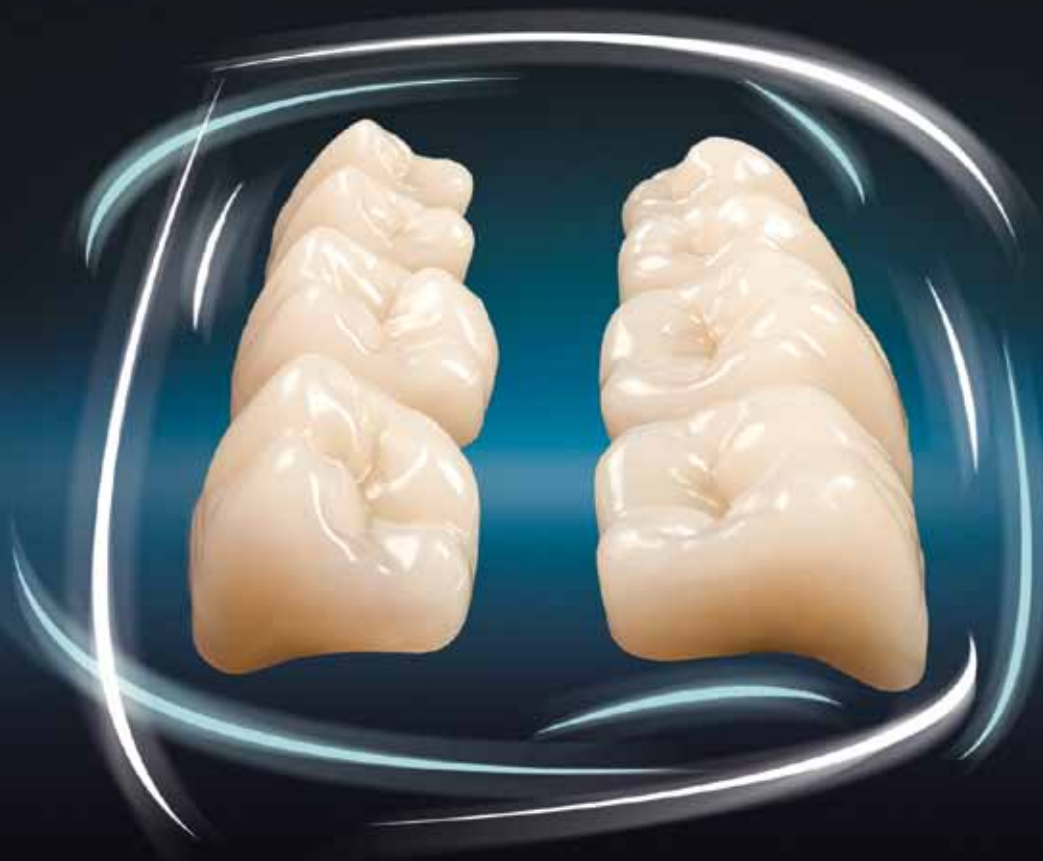


Bonartic[®] II NFC



A new design for the classic

The new Bonartic® II NFC



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For decades, Candulor has provided impressive innovations in the area of removable dentures, advancing to become a specialist in prosthetics. This became possible only because we succeeded in combining practical requirements with scientific demands. Our ambitions are aimed at harmony between function and aesthetics, following nature's example. The primary aim in developing Bonartic® II NFC was to match the customary and proven functionality with aesthetic demands – a classic, therefore, with a new angle, as new indications, e.g. greater masticatory loading with implant techniques, present us with great challenges.

With Bonartic® II NFC we have succeeded in implementing physiological laws of nature to support the user when fabricating reconstructions.

Bonartic® II NFC has an impressive range of possible uses.

Function

The occlusion morphology of the lower posterior teeth is related to the condylar path so that the cusp angle is 30° in protrusion and 20° in laterotrusion. At the same time, Bonartic® II NFC has the space necessary for retrusion in dynamic retrusion, immediate side shift and Bennett movement.

The angle of the occlusion plane (Spee, Wilson) can be designed individually and reliably with Bonartic® II NFC. It is the most important stabilizing element in every prosthetic restoration.

Rows of the pyramidal-shaped cusps are displaced to fit into each other, thus enabling optimal biting and crushing actions. Fine rounding of the pyramidal edges provides for a natural abrasion shape.



Morphology

Each surface of a tooth fulfils a certain function. In the Bonartic® II NFC these include the shaping of the vestibular surfaces to support the cheeks and lips, the proportion and contour of the oral surfaces to provide freedom for the lingual space and thus for phonetics. Apart from function, particular attention was also paid to the “tooth body” so that it meets the needs of combined prostheses and implantology.

Due to its revised physiological form, the new Bonartic® II NFC can be incorporated very well into existing structures. Its occlusal morphology permits selection of any occlusion concept.



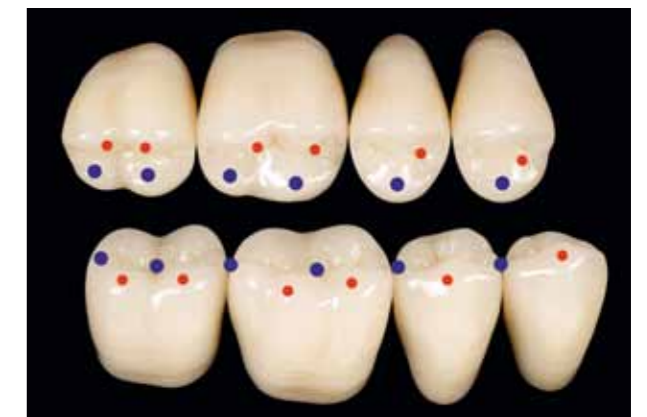
The Bonartic® II NFC can be incorporated very well into existing structures because of the revised physiological form.

Occlusion concept

Bonartic® II NFC has clear, stable, static occlusion for the one-to-two teeth relationship. Bonartic® II NFC allows classical bilateral occlusion together with sequential guidance during laterotrusion.

The contact relationships are punctiform on convex parts and the occlusion principle is based on intercuspitation by means of **W, B, C contacts** (W = Working side contact, B = Balance contact, C = Centric contact).

This occlusion principle simplifies both statics for the distribution of masticatory forces to the denture-supporting area and dynamics in the choice of occlusion concept for a specific patient.



The contact relationships of Bonartic® II NFC are punctiform on convex parts.

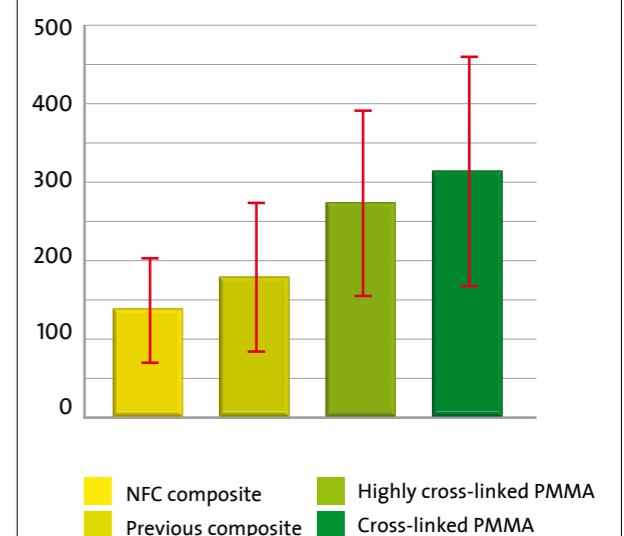
Material

Because of various factors, increased masticatory forces act on prosthetic teeth when they are implant-borne. The special abrasion-resistant NFC® material was developed in order to counteract premature wear of the teeth and the associated loss of vertical height.

The nanofillers consist of highly dispersed silica that has been silanized so that it binds to the UDMA matrix. This combination gives the material its property of being particularly polishable, which makes a durable surface sheen possible. The greater the fineness of the surface, the lower the abrasion on contact with the antagonist and the lower the wear.

Clinical studies of abrasion demonstrate outstanding results with NFC®, which abrades up to 40–50 % less than conventional PMMA materials.

Depth of wear [µm] average



Indication

Bonartic® II NFC has an impressive range of possible uses. A Candulor classic that can be used for partial, full and hybrid dentures.

Ordering details

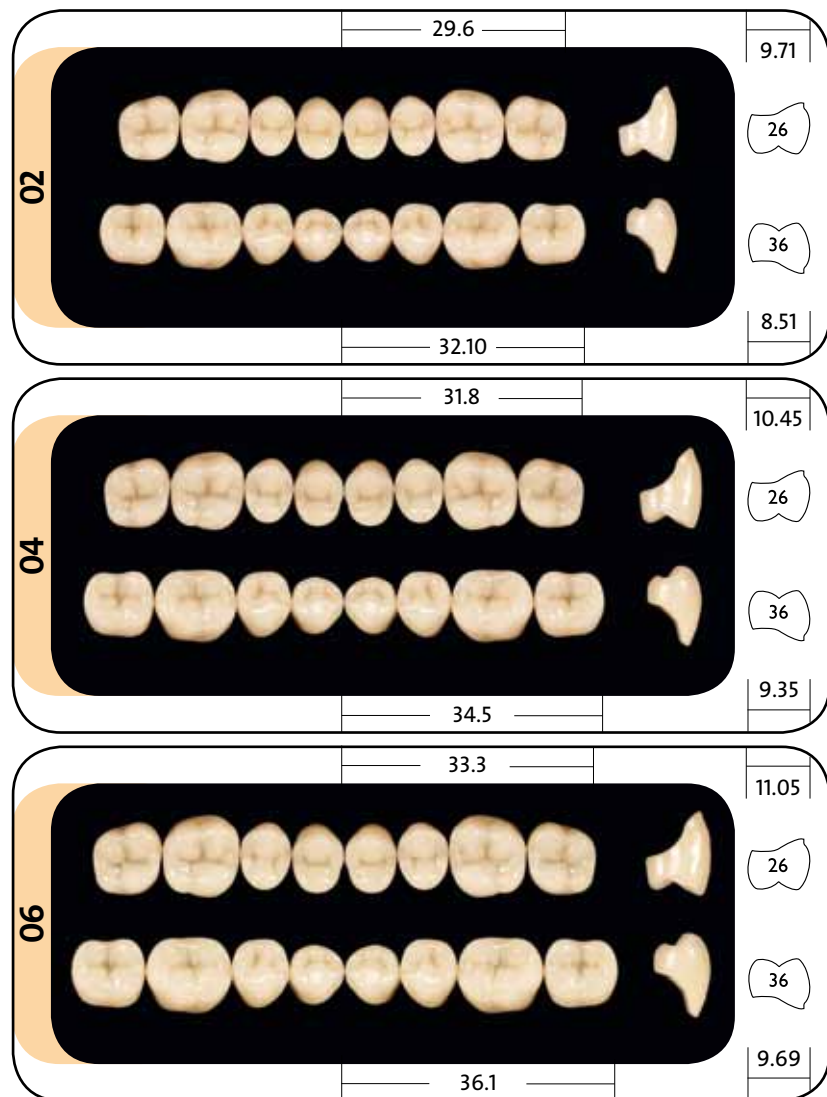
Bonartic® II NFC upper and lower posterior moulds are available in 3 different sizes and in the following shades:

- 16 Candulor shades
- 16 A-D and 2 bleach shades (BL 2 + BL 4)



Shade guide
NFC® Composite A-D Shades

PhysioStar® NFC		Bonartic® II NFC
Uppers	Loweres	Posteriors
550	996	02
552	990+992	02
554	996	02+04
556	996	04+06
660	992	02+04
662	994+992	02+04
664	994+992	02+04
666	996+994	04+06
770	992	02
772	994	04+06
774	996+994	04+06
776	996+994	04+06
880	992+994	04
882	996+994	04+06
884	994+992	06



CE 0120

Dimensions in mm.
Conforms to EN ISO 3336 – 1996