



KDL Company Limited
K Dental Lab

www.dentalk.com

Zirkonzahn®

World Class State-of-the-art
Dental CAD | CAM Milling System

NEW!

3 Polymer Materials for CAD-CAM Milling

1. Acetal

Snap-on teeth, ideal for:

1. Non-invasive smile makeover
 - close space between teeth
 - cover uneven or crooked teeth
 - cover stains or cracks
2. Provision for implant case
3. Diagnostic set-up



► Snap-on teeth
MILLED ACETAL



snap-on teeth before & after

Modulus of elasticity	> 2600MPa
Flexural strength	> 125 MPa
Tensile strength	< 70 MPa
Available shade:	A2, A3, B1

2. PMMA resin

Good bonding with composite and resin.

Flexural strength > 120 MPa

Tensile strength > 75 MPa

Water absorption 0.3-0.4 µg/mm³

Available shade:

5 gradient color alternatives:



A1 A2 A3 B1 B2

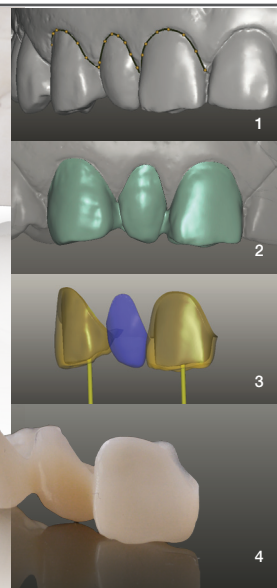
4 solid color alternatives:



A1-B1 A2-A3 B2-B3 C2-C3

► Long-term
provisional Cr&Br
MILLED PMMA RESIN

► Eggshell
temporary
MILLED PMMA RESIN



3. Fiber polymer

Good bonding with composite, not bond with acrylic resin

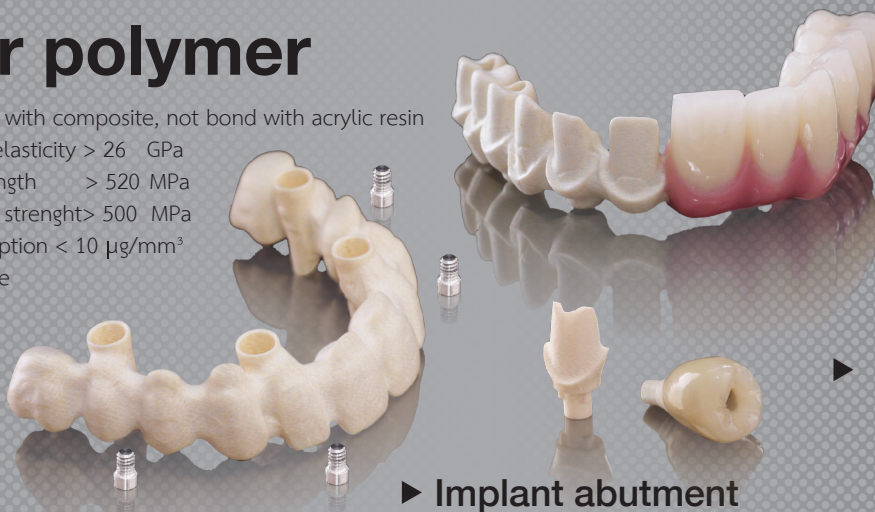
Modulus of elasticity > 26 GPa

Flexural strength > 520 MPa

Compressive strength > 500 MPa

Water absorption < 10 µg/mm³

Only 1 shade



► Implant abutment
MILLED FIBER POLYMER

► Substructure for
composite resin
สำหรับ Implant, Cr&Br
MILLED FIBER POLYMER



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