HUGE

HUGE DENTAL USA LLC

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Rev 01/2026

NOBILDENT®

LAB SOLUTION

Your Partner in Digital Dentistry

Your Partner in Prosthetic Dentistry

VinciSmile®

VinciSmile is committed to being your reliable clinical partner, providing top-notch dental solutions. We guarantee excellent clinical practice with the use of high-quality materials, ensuring the best outcomes for the patients.

NOBILCAM®

NOBILCAM CAD/CAM solution provides various types of Zirconia and PMMA DISC to dental laboratories in order to have a positive impact on dental patient health.

NOBILDENT®

NOBILDENT teeth are designed to look completely natural in the mouth due to the gentle blend of translucent incisal and lifelike reflective esthetics of the labial surface.

HUGE DENTAL USA is a worldwide dental supplier headquartered in Los Angeles, California USA. We offer a wide range of dental lab and clinical solutions, including NOBILDENT Resin Teeth, NOBILCAM CAD/CAM Materials, NOBILTRAY Lab Materials, PERFIT Elastomeric Impression Material, Clinical Restorative Materials, and Invisible Orthodontic Appliance, etc.
Our company is committed to providing exceptional support services, offering comprehensive counseling and training for employees, agents, and customers. As an FDA-cleared facility, we adhere to strict production quality assurance standards and maintain ISO 13485 certification.

CONTENT

Dental Lab Materials

Dental Lab Materials

NOBILDENT®

SYNTHETIC POLYMER TEETH

NOBILDENT Prime DXL

NOBILDENT Select XL

NOBILDENT Delux EPN

NOBILDENT Delux EPN

- *Let Your Smile Shine with NOBILDENT*

Natural Beauty

Multi-Layered perfection, designed for anterior excellence
Harmonized layering of posterior teeth
Smooth surface texture with aesthetics
BL2, BL3, A00 and A0 available at request

Reliable Durability

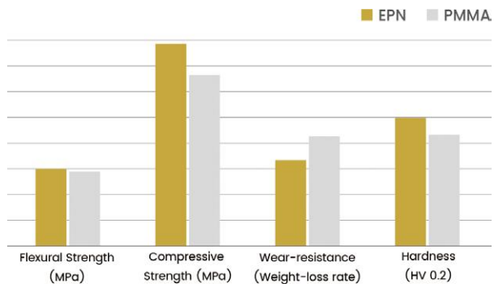
Double cross-linked material, the Extended Polymer Network (EPN)
Higher molecular weight and wear-resistance
Lower water absorption and higher stain-resistance
More durable than conventional PMMA

Functional Design

Universally adaptable and reliable for all concepts of occlusal patterns with multifunctional
Easy and intuitive with occlusion designed by the cogwheel principle
Efficient with precise and easy-to-find centric design
Semi-anatomical occlusal cusp design for 28° and 20°

Performance of EPN Material[1]

[1]: Test report from HUGE professional laboratory



Compatible with Digital Denture Workflow

Tooth library available in exocad & 3Shape
Enhanced workflow efficiency by 53%[2]

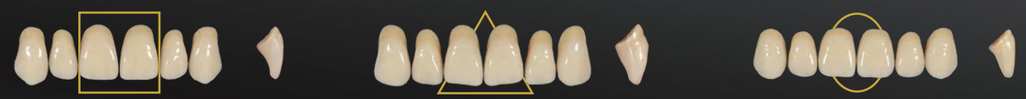
[2]: Evaluation from HUGE's cooperating dental technicians

Functional descriptions

- Wide neck form to cover individual structural elements
- Harmonious enamel layer around to allow free custom adjustment
- Mechanical de-edging produces perfect and translucent flanks

Tooth mould design concept

According to human facial forms, the tooth shapes are designed into three most popular shapes



• Mould Chart

UPPER ANTERIOR SQUARE

S2
43.5
9.8
8.3

S3
46.0
10.3
8.7

S4
46.3
10.8
8.8

IS3
47.5
13.2
9.1

UPPER ANTERIOR TAPERING

T2
43.2
11.09
8.4

T4
45.0
11.0
8.7

T6
47.0
10.88
8.8

T8
48.5
10.9
8.8

UPPER ANTERIOR OVOID

IO2
47.8
11.2
9.1

IT2
43.7
11.75
8.2

IT3
48.9
12.0
9.1

• Mould Chart

LOWER ANTERIORS

L2
34.8
8.7
5.2

L3
34.6
9.4
5.0

L4
35.9
10.4
5.4

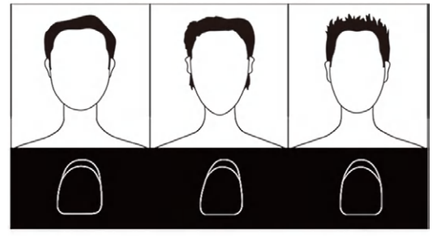
L6
37.4
9.0
5.7

L8
38.1
9.6
5.7

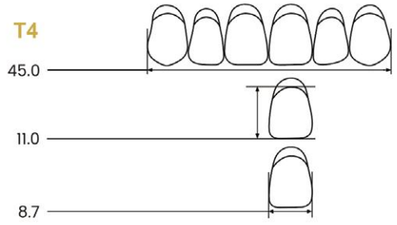
IL2
36.8
10.22
5.4

IL3
37.3
10.5
5.4

All measurements in milimeters



▲ SQUARE ■ TAPERING ● OVOID

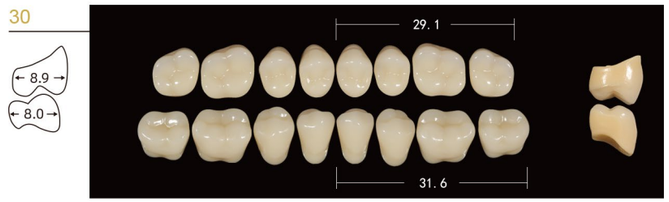


Actual Size: All measurements in millimeters

Mould Chart

POSTERIORS 28°

30



32

34

I33

POSTERIORS 20°

30M

32M

SUGGESTED ARTICULATIONS			
ANTERIORS		POSTERIORS	
UPPER ANTERIORS	**LOWER ANTERIORS**	**POSTERIORS 28°**	**POSTERIORS 20°**
S2	L2	30	30M
S3	L2	34	32M
S4	L3	34	32M
T2	L2	32	30M
T4	L4	32	30M
T6	L6	34	30M
T8	L8	34	32M
IO2	IL2/IL3	I33	32M
IS3	IL2/IL3	I33	32M
IT2	IL2/IL3	I33	32M
IT3	IL2/IL3	I33	32M

Moulds

- 11 upper anterior moulds
- 7 lower anterior moulds
- 12 posterior moulds

Shades

- A1, A2, A3, B1, B2

Packing

- Anterior: 6pcs/card
- Posterior: 8pcs/card

NOBILDENT Prime DXL

- *Expression of natural beauty and high practicality*

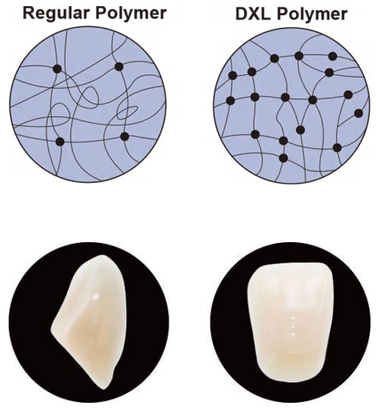
Natural Beauty

Life-like blend of shade and translucency
55 moulds satisfy labs' needs.
Familiar forms: Square,Tapering and Ovoid
18 Shades: VITA[1] classical A1-D4® plus A0 and A00

[1]: VITA is a trademark of VITA Zahnfabrik H. Rauter GmbH & Co.

Wear-Resistance Like No Other

High molecular weight Double Cross-Linked (DXL)
Hard layer on occlusal surfaces



Easy to Use

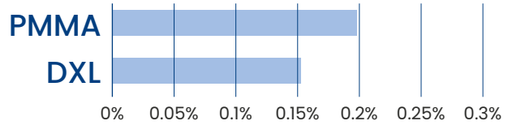
Easy to set-up posteriors
No-wax carding, no need to wipe-off wax
Concave ridge lap, mechanical retention built-in

Digital Teeth, Perfect Fit to Digital Base

Dental libraries created in EXOCAD and 3 Shape
Esthetic and high-quality digital full denture achieved

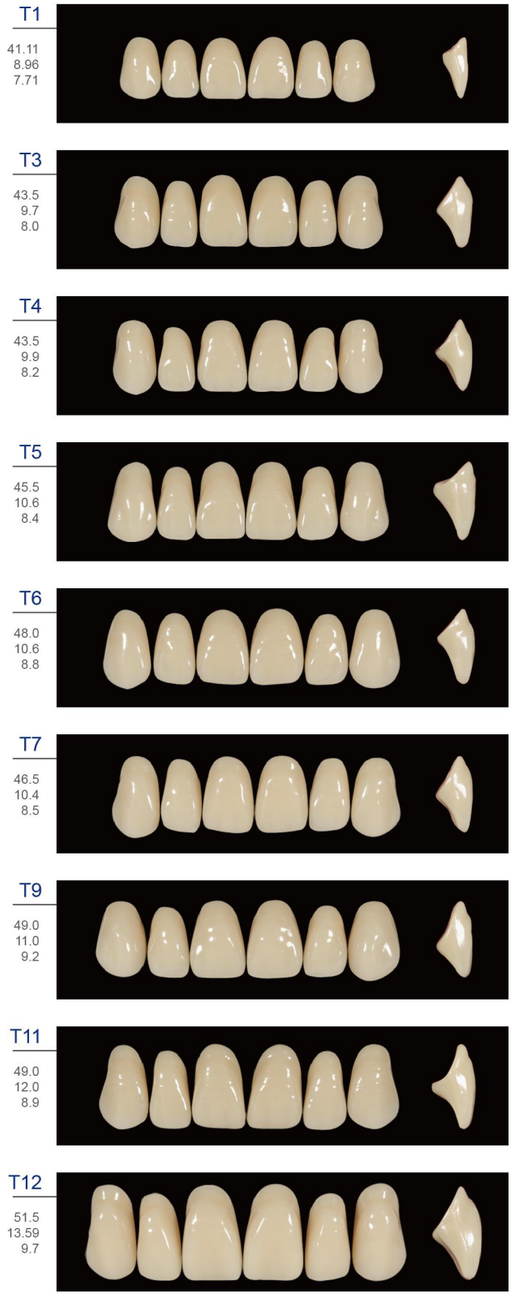
Abrasion Resistance[2]
Weight loss rate after 60,000 cycles with resin abrasives

[2]: Test Report, HUGE Dental, 2024

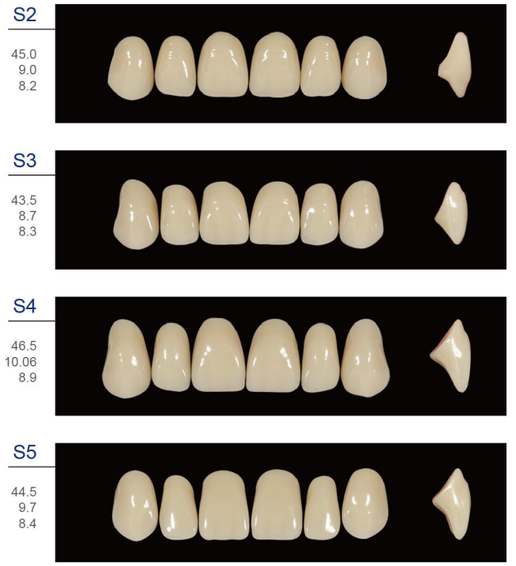


Mould Chart

UPPER ANTERIOR TAPERING



UPPER ANTERIOR SQUARE



UPPER ANTERIOR OVOID

Mould Chart

LOWER ANTERIORS

L1
30.5
7.1
4.3

L2
32.5
7.8
5.17

L3
31.5
9.8
4.5

L4
33.5
10.4
5.1

L5
36.0
8.2
5.6

L6
35.0
8.3
5.3

L7
35.5
8.6
5.5

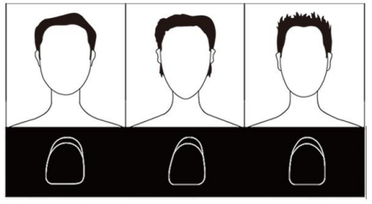
L8
38.0
9.9
5.8

L11
38.94
9.56
6.25

LOWER ANTERIORS

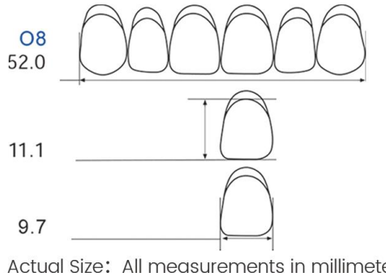
L14
41.0
10.7
6.2

All measurements in milimeters



▲ SQUARE ■ TAPERING ● OVOID

O8
52.0
11.1
9.7



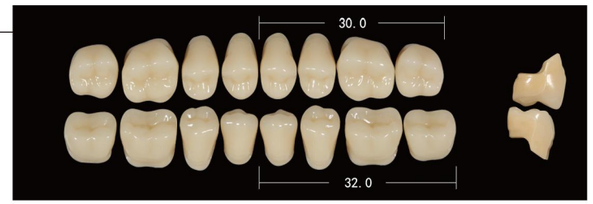
Actual Size: All measurements in millimeters

Mould Chart

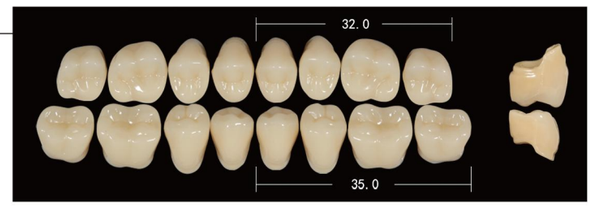
POSTERIORS 28°

30
8.2
7.0

32
9.3
8.0



34
9.9
8.5



36
10.3
9.5

POSTERIORS 0°

031
7.2
8.1

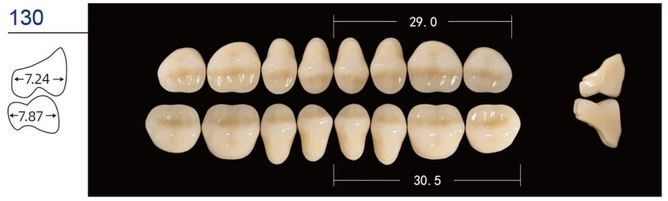
• Mould Chart

POSTERIORS 0°

033

POSTERIORS 10°

130



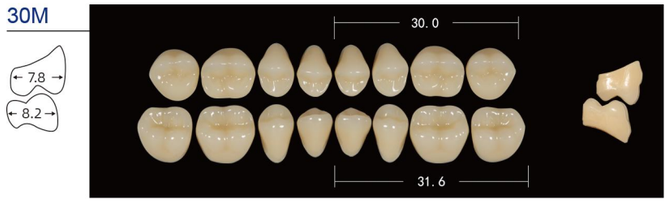
132

134

• Mould Chart

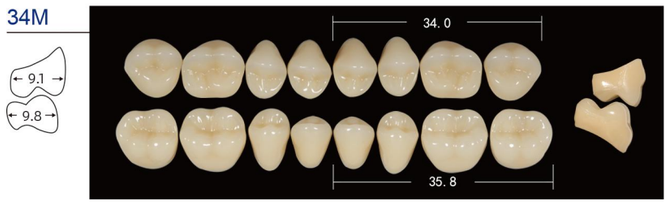
POSTERIORS 33°

30M



32M

34M



POSTERIORS 20°

229

231

233

SUGGESTED ARTICULATIONS						
UPPER	**LOWER**	**POSTS**	**POSTS**	**POSTS**	**POSTS**	**POSTS**
ANTS	**ANTS**	**28°**	**0°**	**10°**	**33°**	**20°**
S2	L2/L3	30	031	130	30M	229
S3	L5/L4	30	031	130	30M	229
S4	L7	32	031	130	30M	229
S5	L5/L4	32	031	130	32M	231
O5	L8	34	031	132	32M	231
O8	L14	36	033	134	34M	233
T1	L1	30	031	130	30M	229
T3	L6	32	031	130	30M	229
T4	L6	32	031	130	30M	229
T5	L7	32	031	130	30M	229
T6	L7	32	031	130	30M	229
T7	L7	32	031	130	30M	229
T9	L11	32	031	130	32M	231
T11	L11	34	031	132	32M	231
T12	L14	36	031	132	34M	231

• Moulds

- 15 upper anterior moulds
- 10 lower anterior moulds
- 30 posterior moulds

• Shades

- Bleach shades: A00, A0
- Classical 16 A-D

• Packing

- Anterior: Option 1: 6pcs/card; Option 2: 8cards/box;
- Posterior: Option 1: 6pcs/card; Option 2: 8cards/box;

**Sold by card or small box.*

NOBILDENT Select XL

- *A classic tooth line made from PMMA resin with reliable quality*

• Natural Beauty

• Easy to Use

Easy to use posteriors
No-wax carding, no need to wipe-off wax

• High-performance Property

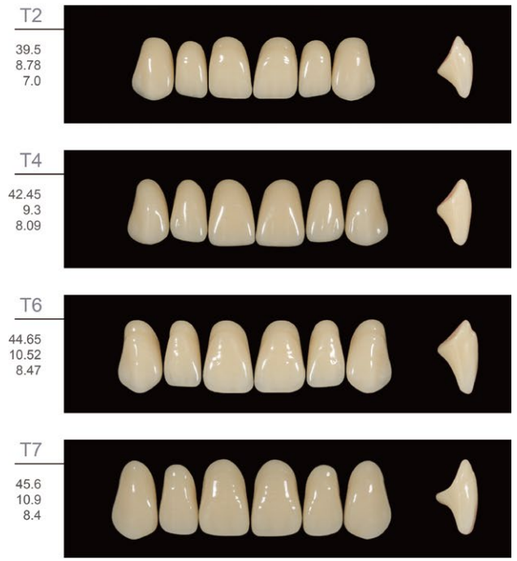
Excellent shade stability
Low affinity to plaque

• Physical Properties*

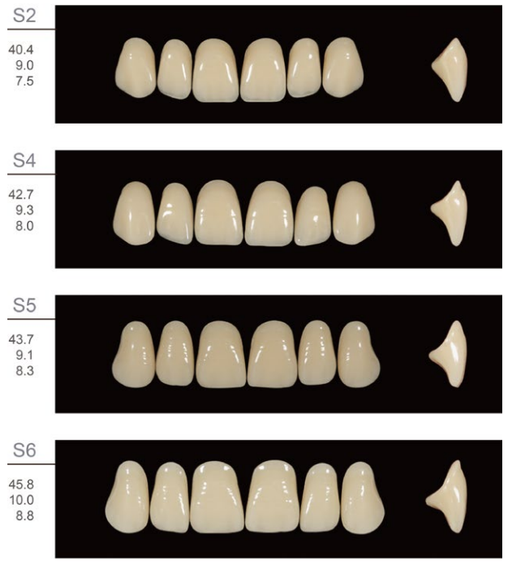
**Test report from HUGE professional laboratory*

• Mould Chart

UPPER ANTERIOR TAPERING



UPPER ANTERIOR SQUARE

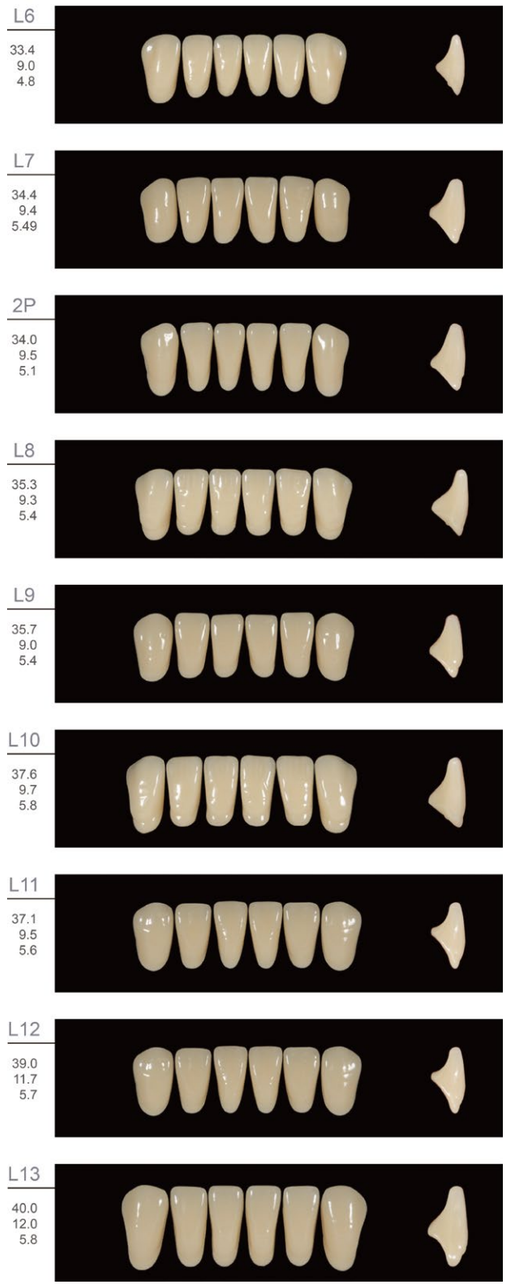


UPPER ANTERIOR OVOID

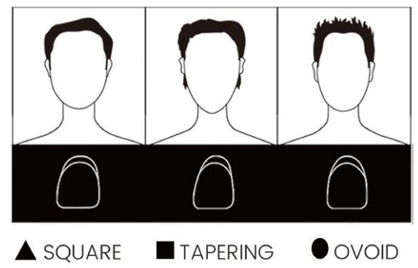
LOWER ANTERIORS

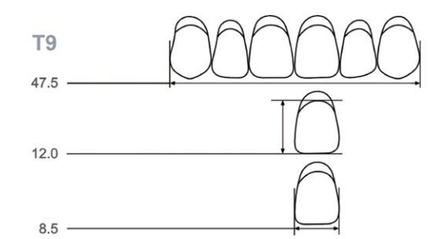
• Mould Chart

LOWER ANTERIORS



All measurements in milimeters

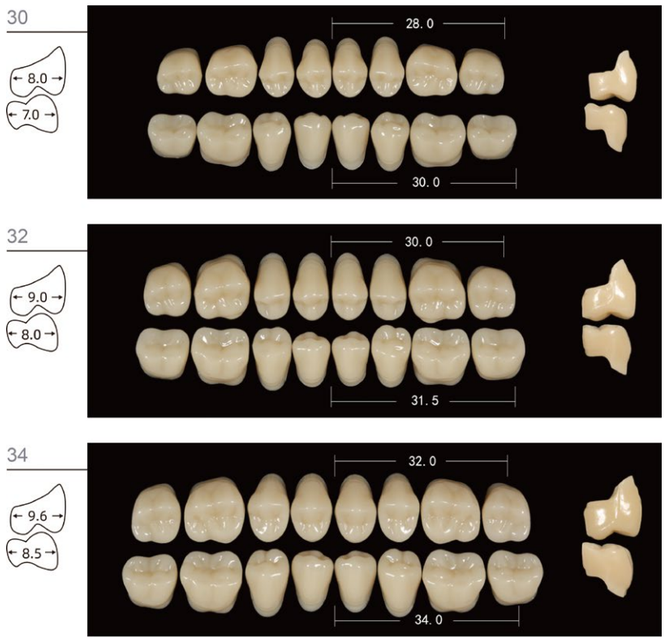




Actual Size: All measurements in millimeters

Mould Chart

POSTERIORS 28°



POSTERIORS 33°

SUGGESTED ARTICULATIONS		
UPPER	**LOWER**	**POSTERIORS**
ANTERIORS	**ANTERIORS**	**28°/33°**
S2	L2	30
S4	L4	30
S5	L7	32
S6	L9	34
S8	L8	34
T2	L2	30
T4	L4	30
T6	L6	32
T7	L7/2P	32
T8	L8	34
T9	L11	34
T10	L10	36M
T12	L13	36M
3P	L11/L12	34

Moulds

- 14 upper anterior moulds
- 11 lower anterior moulds
- 8 posterior moulds

Shades

- A1, A2, A3, A3.5, B1, B2, C2, D2

Packing

- Anterior: 6x1x16/box (6pcs/card, 16 cards/box)
- Posterior: 8x1x12/box (8pcs/card, 12 cards/box)

**Sold by box. For purchasesby card, please contactyour local sales representative!*

NOBILDENT®

DENTURE BASE POLYMERS

Fast Heat Curing Type

Traditional Heat Curing Type

Self Curing Type

Fast Heat Curing Type

- *20-min fast curing saves your time and energy!*

Unbreakable

No fractures occurred when samples were dropped three times from 2m height

Shrink-resistant

Good stability after curing ensures the accuracy of duplicates

No Bubbles

High yield of finished products with no visible bubbles

Natural and lifelike

Added veined pigment achieves a natural, lifelike appearance

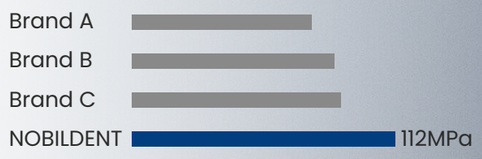
High quality raw material

- The main raw material is high-quality PMMA resin powder with high-molecular weight and very small particle size
- The features above deliver high strength, fine texture and excellent performance of the material

Technical specifications

Dough time	15 minutes
Working time	10 minutes
Curing time	20 minutes at 100°C
Mixing ratio	1ml: 2.4 g powder

Flexural strength (MPa)*



**Test Report, HUGE Dental Official Laboratory, 2022*

Traditional Heat Curing Type

- *Stable quality delivers satisfactory final results!*

- Pliable texture
- Abundant shade options
- Shrink-resistant
- Natural aesthetics

- Technical specifications

Dough time	15 minutes
Working time	10 minutes
Curing time	90 minutes
Mixing ratio	1ml liquid: 2.34g powder

Self Curing Type

- *No heating required types brings elevated efficiency.*

- No heating required
- No bubbles
- Natural and lifelike
- Time-saving operation
- Various shades targeting individual cases

- Technical specifications

Dough time	15 minutes
Working time	10 minutes
Curing time	16-20 minutes
Mixing ratio	1ml liquid (monomer): 2.2 g powder (polymer)

- Storage

Store the product in the ventilated area and avoid fire, high temperature and direct sunlight.
Shelf life: powder: 3 years, liquid: 2 years

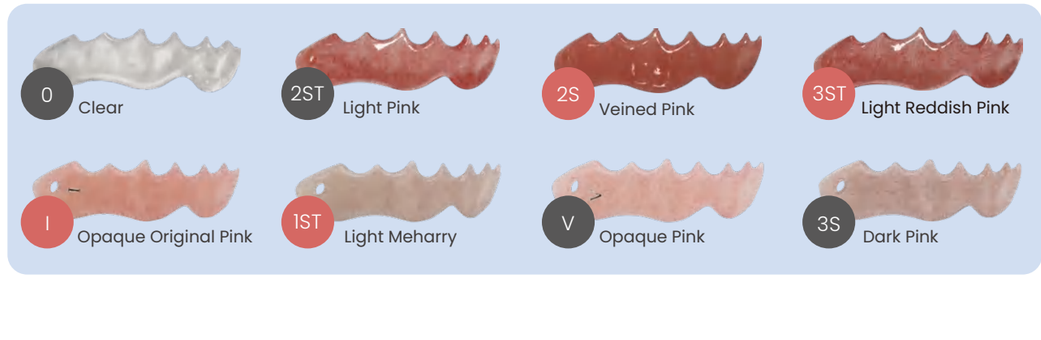
- Powder

100g/bag, 10bags/box
1000g/can

- Liquid

500ml/bottle

- Shade



NOBILDENT®

DUPLICATION SILICONES

GumEasy™ A-Silicone for Gingival Mask

Alphalab™ A-Silicone for Laboratory

Alphalab™ C-Silicone for Laboratory

A-Silicone for Gingival Mask

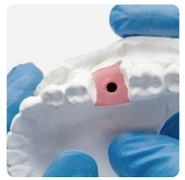
- *Artificial gum silicone with both elastic and rigid types*

Main Usage Scenarios

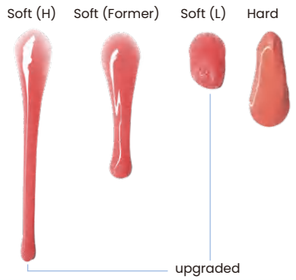
- Applied to implant restoration process
- Applied to crown and bridge restoration process

Advantages

- Precise detail reproduction
- High mechanical strength
- Excellent esthetic results
- Compatible with various techniques (direct and indirect)
- Suitable for CAD/CAM process



Fluidity



Recommended Application Scenarios

Product type	Recommended in the presence of undercuts	Recommended in the presence of implants
A-Silicone for Gingival Mask (Hard Type)	★★☆	★★★
A-Silicone for Gingival Mask (Soft Type)	★★★	★★★

Technical Features

Product	Mixing ratio (Base: Catalyst)	Working time* (min:s)	Setting time* (min:s)	Hardness (Shore A)	Scannable without sprays	Workable with a bur
GumEasy HARD	1:1	1:30	10:00	70	√	√
GumEasy SOFT (High Fluidity)	1:1	1:30	10:00	40		√
GumEasy SOFT (Low Fluidity)	1:1	1:30	10:00	40		√

Packaging

Types	Description
Standard	（2×50ml）
Elite kit	（2×50ml+12 mixing tips+12 intraoral tips+1*10ml dental separator for silicones）

A-Silicone for Laboratory

- *Addition-cure lab putty with high precision*

Main Usage Scenarios

- Duplicating complete or partial denture models
- Making temporary prosthetic works
- Creating artificial gingiva on the model
- Matrix for esthetic veneer restoration

Advantages

- Easy mixing ratio 1:1
- High detail replication
- Reliable dimensional stability over time
- Resistant to high temperature
- Easy to drill
- Non sticky

Technical Data

Mixing ratio	Mixing time*	Total working time*	Setting time*	Hardness	Color
1:1	30s	1 min 30s	8 min	Shore A 85	Light Blue

** The specified times may vary depending on the operating temperature and technique.*

Packaging

Types	Description
Standard tub	（5kg tub Base+ 5kg tub Catalyst ）
Standard can	（450g can Base + 450g can Catalyst）

Alphalab™

Heat Resistance

400°F

C-Silicone for Laboratory

- *Condensation-cure kneading silicone for precise duplication of models*

Main Usage Scenarios

- Duplicating complete or partial denture models
- Making temporary prosthetic works
- Creating artificial gingiva on the model
- Matrix for esthetic veneer restoration

Advantages

- Excellent dimensional stability
- Precise detail reproduction
- Available in diverse hardness:Shore A 85 and Shore A 90

Technical Data

Mixing time*	Total working time*	Setting time*	Hardness	Color
30s	2 min	7 min	Shore A 85/Shore A 90	Gray Pink

** The specified times may vary depending on the operating temperature and technique.*

Packaging

Types	Description
Standard big tub	x5 （10kg tub Base+ 5*40g tube Catalyst ）
Standard medium tub	x2 （5kg tub Base + 2*40g tube Catalyst）
Sample can	（50g can Base + 3g tube Catalyst）

Alphalab™

Tear Strength

6.5kN/m

NOBILDENT®

LIGHT CURING TRAY & UNIT

Light Curing Tray

Light Curing Unit

Light Curing Tray

- *Well-performed custom material meets your individual needs.*

Applications

- Making individual trays
- Making temporary base plates

Variants

- Available colors: pink, blue
- Thickness available: 2.3mm, 2.0mm, 1.6mm

Satisfactory performance

- Easy operation and fast setting
- High flexural strength over 110MPa
- Stable in shape during delivery
- Low deformation rate, hard to displace in mouth

Packaging

Standard package

50pcs/box

Trial package

2pcs/box

Light Curing Unit

- *Highly efficient light cure machine for setting Light Curing Tray.*

Features

- High polymerization capacity
- Low maintenance

Technical data

- Light wave: 395nm
- Voltage options: 110V, 220V
- Timer options: 180s and 30 min

Packaging

Standard package

One unit/box

Flexural Strength

>110MPa

NOBILDENT Digitalife Denture Solution

Thanks to its developed product line and rich experience in dental laboratory products, HUGE now is in the forefront of the digital dentistry and provides you perfect Digital Denture Solutions.

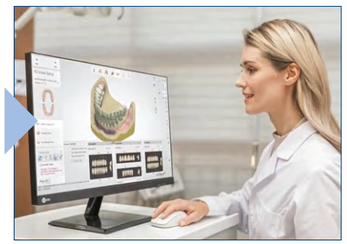
To fabricate digital full dentures with aesthetic appearance and elevated efficiency, you must try NOBILDENT Digital Denture Workflow.

What can you expect:

- Time-saving process ✓
- Aesthetic appearance ✓
- Precise result ✓
- Meet your individual needs ✓
- Deep integration with digital dentistry ✓

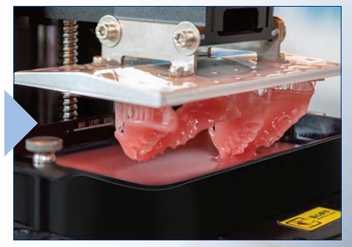
01 >> Oral Scan

i-Vinci Intraoral Scanners



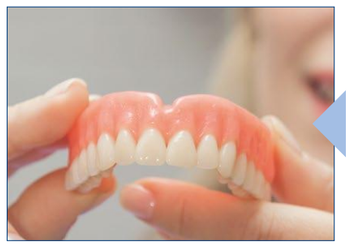
02 >> CAD Process

NOBILDENT Tooth Libraries available in 3shape and exocad



03 >> 3D Printing

NOBILDENT Edge E2 & Edge mini



06 << Satisfactory Result

Bring Convenient Smiles

05 << Digital Bonding

NOBILDENT Self Curing Resin

04 << Teeth Preparation

NOBILDENT Synthetic Polymer Teeth

GumEasy Artificial Gum Solution

Your workflow with **GumEasy**™ A-Silicone for Gingival Mask

HUGE is committed to creating the perfect implant restoration results, with a complete range of materials from clinical products to laboratory materials. HUGE provides you with high-quality, innovative and cost-effective dental implant solutions that can meet all your aesthetic needs.
It's highly recommended to reproduce gingival morphology on models in implant applications for improving the accuracy of implantation.

We promise to bring:

- Precise impression results ✓
- Comfortable prosthesis ✓
- Long-lasting and aesthetic restoration ✓

Impression Taking

01 PERFIT Impression Silicone & Light Curing Tray

Model Fabrication

02 A-Silicone for Gingival Mask

Temporary Restoration

03 NOBILCAM Multilayer PMMA BLOCK

Final Restoration

04 NOBILCAM Zirconia Block

Bonding System

05 TopCEM Dental Restorative Materials