



2013 Product Catalog & Mould Chart

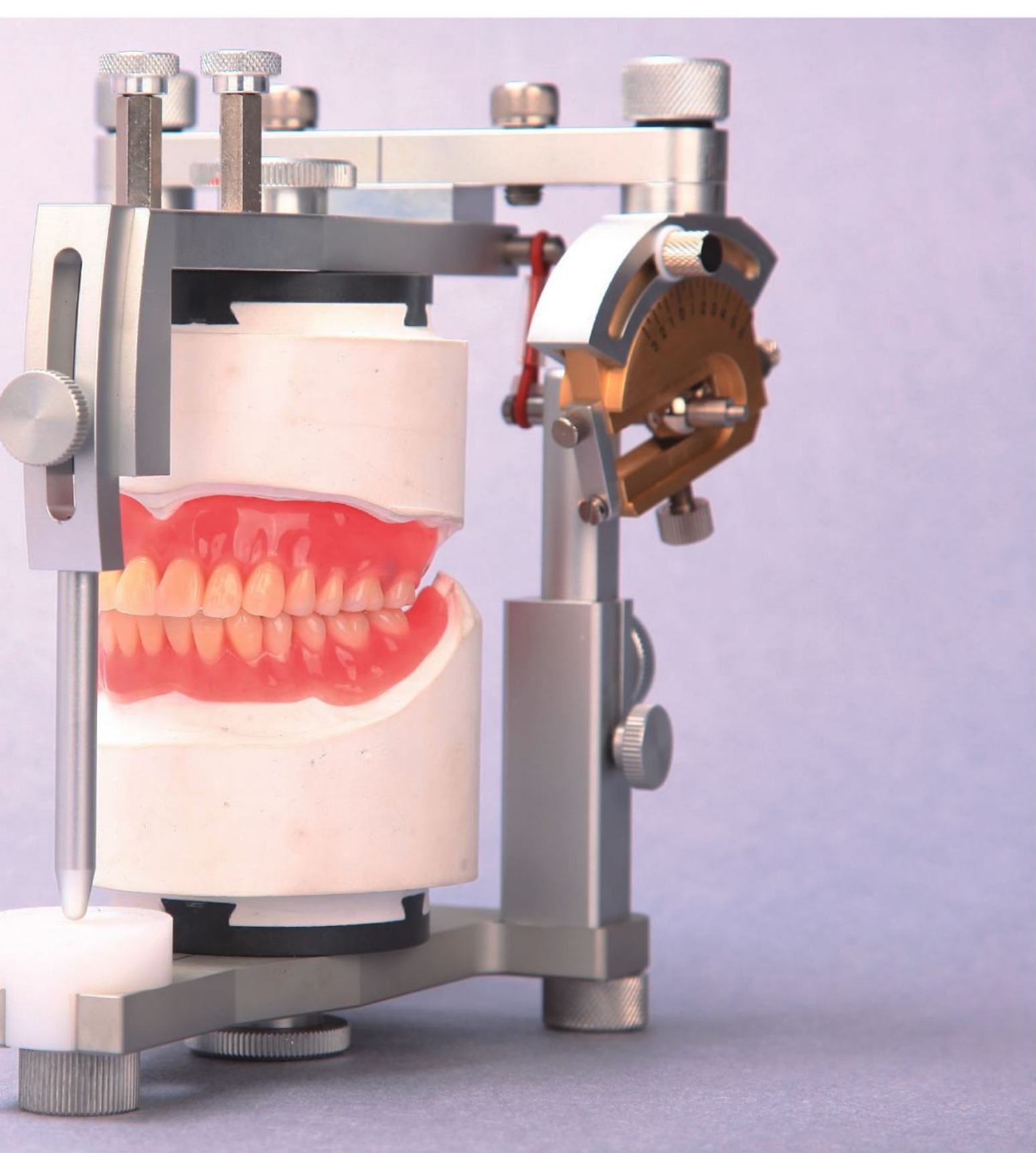
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Restore your confident smile

SP-3 SUMMIT Composite Teeth

The Perfect Combination of Aesthetics and Functionality

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SP-3 SUMMIT Composite Teeth

PIGEON Product Line

Type	Product Line	Series
Composite Teeth	SUMMIT	SP-3 : 3-Layer Composite Teeth
Acrylic Teeth	MARUJI	SP-3 : 3-Layer Acrylic Teeth SP-2 : 2-Layer Acrylic Teeth
	LUCK	SP-2 : 2-Layer Acrylic Teeth

Outstanding Aesthetics

SUMMIT MARUJI



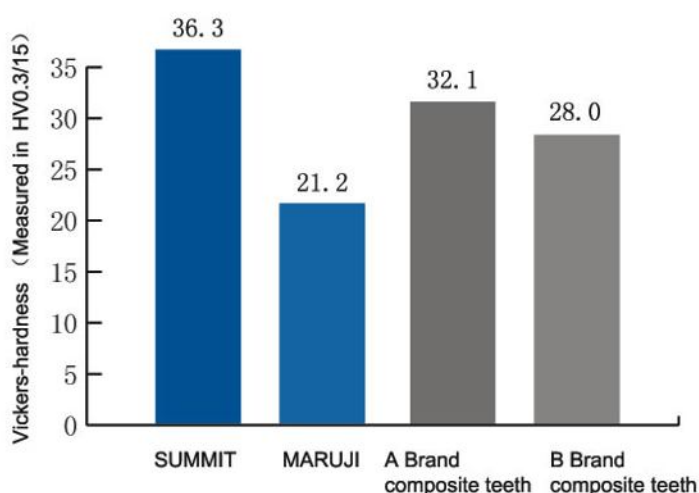
All Pigeon teeth reproduce natural color. The transition color gives you a perfect impression of quality. Along with its superb bionic property, the Pigeon teeth are esthetically pleasing.

High Hardness

SUMMIT

Pigeon composite teeth are produced by advanced synthetic resin materials which improve the physical hardness greatly.

The most advantage of composite teeth against traditional acrylic teeth is that they improve the biting force to chew food and avoid the weakness of porcelain teeth which are fragile and unhealthy to alveolar bone.



Through research on the composite teeth of different brands on the market, we discovered that compared with acrylic teeth, the composite teeth have a huge improvement on the hardness. Moreover, Pigeon composite teeth are even better than most of similar products at home and abroad.

Strong Anti-abrasive

Pigeon composite teeth are produced by advanced synthetic resin materials which improve the physical hardness greatly.

In the control test, both teeth are rubbed for 30,000 times with 300g force on their surface. The toothbrush from sunstar company and abrasive materials from Lion company are used in the test.

Wide Choice

SUMMIT MARUJI

SP-3 and SP-3 SUMMIT acrylic teeth own tapering, ovoid and square shape which is provided in 5 sizes each. The corresponding posterior teeth are also provided in 10 types.

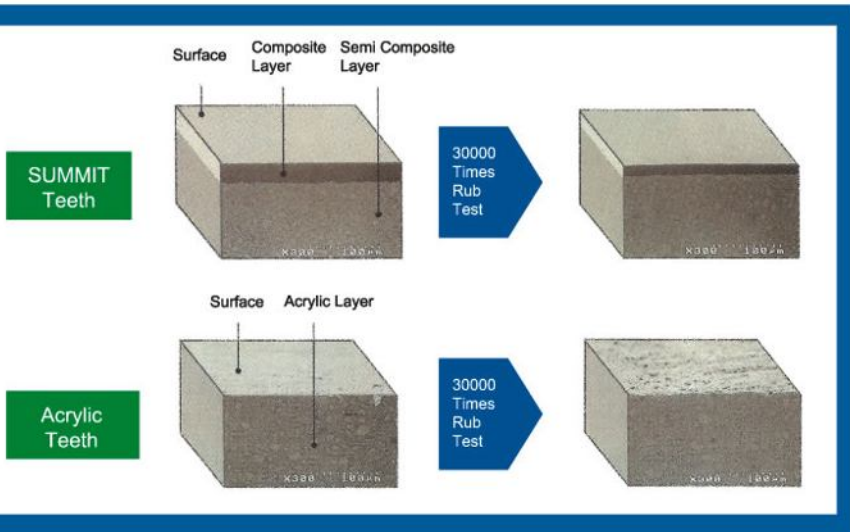
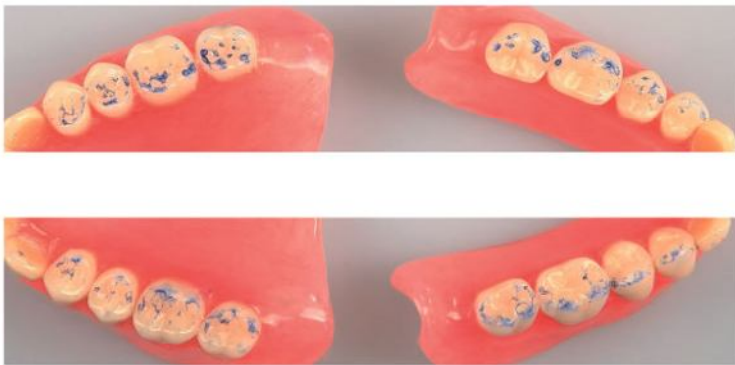
SP-2 economical acrylic teeth have more than 10 types for selection as well.

Moreover, any special requirement can be met on request.

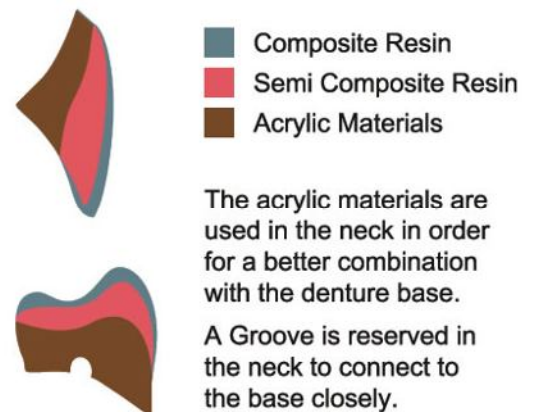
In occlusion study, the functional cusps of upper posterior are lingual cusps and the facial cusps are the functional cusps of lower posterior.

The blue mark demonstrated that the biggest functional cusps of upper posterior are closely cling to the lower one. The more occlusion level means better ability to chew food.

Observed from the facial side, each posterior tooth is closely cling to its neighbor tooth which can best prove its superb occlusion relation.



Anatomical Structure



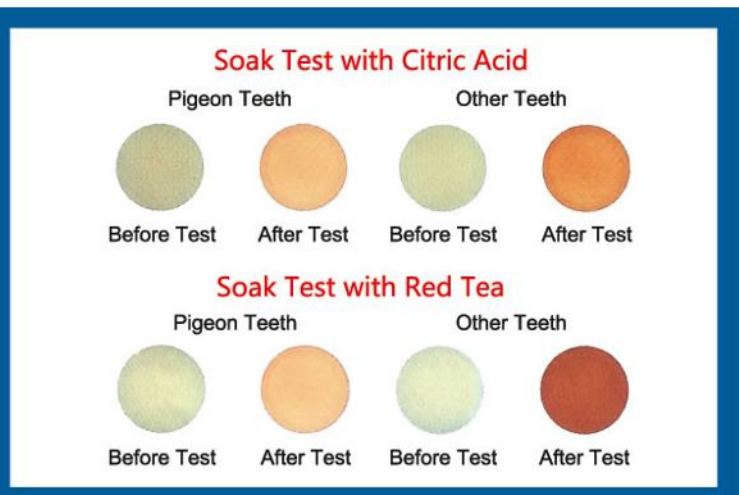
Anti-Dyeing

Thanks to new composite materials, Pigeon composite teeth feature in outstanding anti-dyeing property. The property leads to better bacteriostasis effect in daily use.

Soak test with citric acid and red tea for 10 days (37 degree Celsius)

Citric acid: 2g citric acid & 100ml olive oil

Red tea: 2g red tea leaf & 100ml boiling water



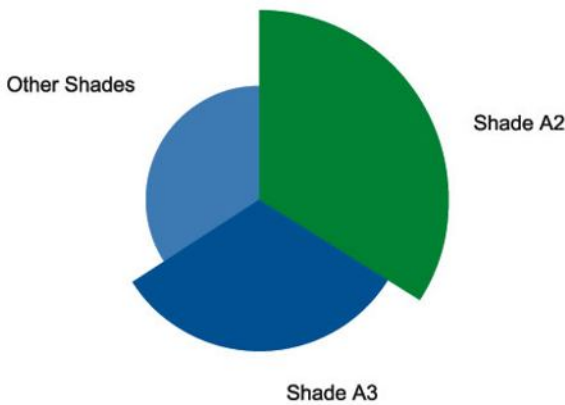
Shade Availability

VITA16 Shade Guide

VITA16 shade guide is the most popular color shade guide in the world. It has been more than 50 years since it is introduced to the market.

VITA16 shade guide is defined as
 A1-A2-A3-A3.5-A4 reddish to brownish
 B1-B2-B3-B4 reddish to yellowish
 C1-C2-C3-C4 greyish
 D2-D3-D4 reddish to greyish

VITA Shade Selection Ratio
(For reference only)



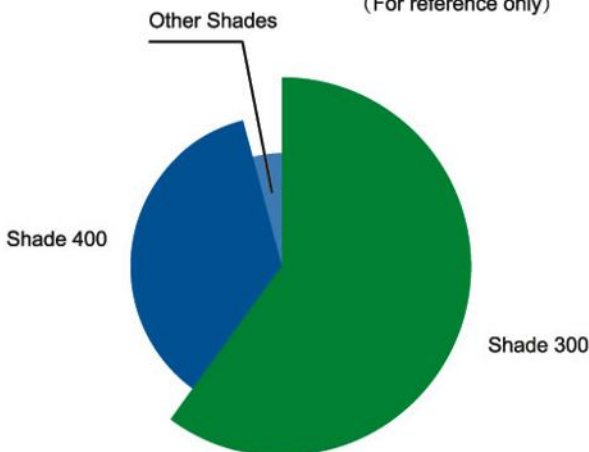
Pigeon Shade

Pigeon' s unique shade system has been in the market over 10 years and gained popularity in both China and Asia. Pigeon shade owns two series.

Shade 100、 200、 300、 400、 500、 600、 700 are reddish & yellowish, in order from lightest to darkest.

Shade 350、 450、 550、 650、 750 are greyish, in order from lightest to darkest.

Pigeon Shade Selection Ratio
(For reference only)



SP-3 SUMMIT Three-Layer Composite Teeth



- High Hardness
- Anti-abrasive
- Superb Bionics
- Outstanding Esthetics
- Anti-dyeing
- Wide Choice of Type
- Ideal Occlusion, Arrangement friendly



Fullset 1pcs 120 Boxes / 10kgs / 0.033CBM



Anterior 4pcs 60 Boxes / 11kgs / 0.042CBM



Posterior 4pcs 60 Boxes / 11kgs / 0.042CBM

SP-3 MARUJI
Three-Layer Acrylic Teeth



SP-2 MARUJI
Two-Layer Acrylic Teeth



SP-2 LUCK
Two-Layer Acrylic Teeth



- Anti-abrasive
- Superb Bionics
- Excellent Esthetics
- Anti-dyeing
- Wide Choice of Type
- Ideal Occlusion

- Anti-abrasive
- Good Bionics
- Esthetic Design
- Anti-dyeing
- Ideal Occlusion

- Anti-abrasive
- Anti-dyeing
- Wide Choice of Type
- Ideal Occlusion
- Economical



Fullset 1pc 120 Boxes / 10kgs / 0.033CBM



Fullset 3pcs 60 Boxes / 11kgs / 0.042CBM



Fullset 7pcs 120 Boxes / 25kgs / 0.067CBM



Fullset 3pcs 60 Boxes / 11kgs / 0.042CBM



Anterior 16pcs 60 Boxes / 11kgs / 0.042CBM



Anterior 20pcs 120 Boxes / 21kgs / 0.067CBM



Posterior 16pcs 60 Boxes / 11kgs / 0.042CBM



Posterior 12pcs 60 Boxes / 11kgs / 0.042CBM



Posterior 16pcs 120 Boxes / 21kgs / 0.067CBM



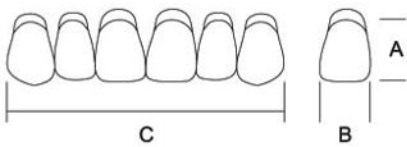
Posterior 12pcs 60 Boxes / 11kgs / 0.042CBM

SP-3 SUMMIT/SP-3 Mould Chart

* The prefix H means composite teeth

H Reading Guide

- A: Length of central cutting teeth (excluding neck)
- B: Width of central cutting teeth
- C: Width of 6 anterior teeth



The scale of size in chart to real is 1:1.
All data is measured in millimetre(mm) .

▼ TAPERING

UPPER

H T5

A: 11.2
B: 9.0
C: 48.2



H T4

A: 10.6
B: 8.6
C: 46.5



H T3

A: 10.2
B: 8.2
C: 43.8



H T2

A: 9.7
B: 8.0
C: 42.5



H T1

A: 9.5
B: 7.6
C: 40.8



■ SQUARE

UPPER

H S5

A: 11.2
B: 8.8
C: 48.0



H S4

A: 10.8
B: 8.4
C: 46.2



H S3

A: 10.1
B: 8.0
C: 43.2



H S2

A: 9.7
B: 7.6
C: 40.6



H S1

A: 9.5
B: 7.5
C: 39.7



● OVOID

UPPER

H O5

A: 10.8
B: 8.9
C: 47.2



H O4

A: 10.8
B: 8.6
C: 45.5



H O3

A: 10.2
B: 8.3
C: 44.5



H O2

A: 10.0
B: 8.0
C: 42.6

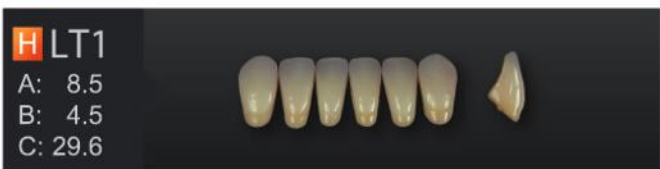
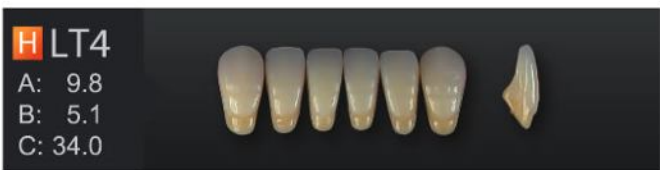


H O1

A: 9.6
B: 7.8
C: 40.3



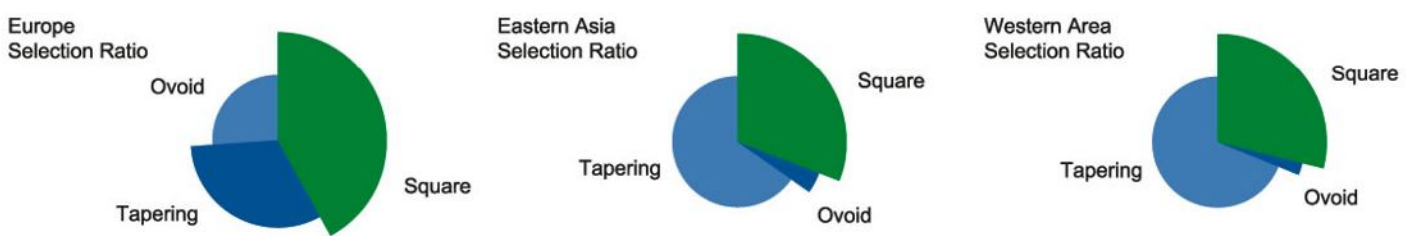
TAPERING LOWER



OVOID LOWER



Shape Guide



Pigeon SP-3 SUMMIT & SP-3 MARUJI Combination Table

Upper	Lower	Posterior	Upper	Lower	Posterior	Upper	Lower	Posterior
T1	LT2	M32 / M42	O1	L1	M30 / M42	S1	L1	M30 / M42
T2	LT3	M32 / M42	O2	L2	M32 / M42	S2	L2	M32 / M42
T3	LT4	M34 / M44	O3	L3	M34 / M44	S3	L3	M34 / M44
T4	LT5	M34 / M44	O4	L4	M34 / M44	S4	L4	M34 / M44
T5	LT5	M36 / M46	O5	L5	M36 / M46	S5	L5	M36 / M46

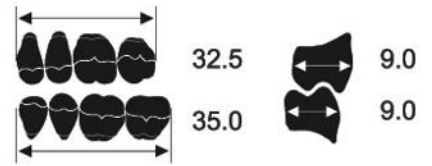
The table is only for reference, additional combinations are available upon requests.

In the event of any size update, the data on the website should be taken as valid.

POSTERIOR



M56 M36



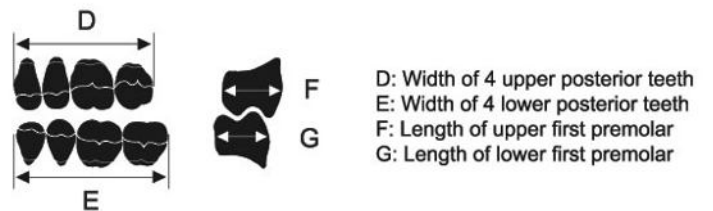
M54 M34



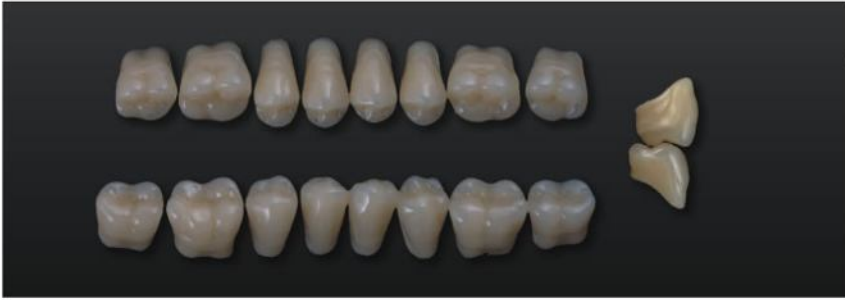
M52 M32



M50 M30



POSTERIOR



M46



M45



M44



M43



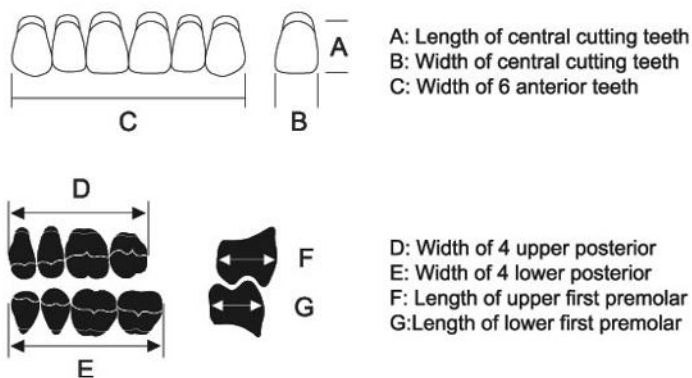
M42



M41



SP-2 MARUJI Mould Chart



Pigeon SP-2 MARUJI Combination Table

Upper	Lower	Posterior
V1	L15	M32
V2	L12	M32
V3	L13	M34
V4	L11	M34

MIXED UPPER

V4
 A: 11.0
 B: 9.0
 C: 44.3

V3
 A: 9.8
 B: 8.3
 C: 42.3

V2
 A: 9.2
 B: 7.8
 C: 42.0

V1
 A: 9.5
 B: 7.0
 C: 38.2

The scale of size in chart to real is 1:1.
 All data is measured in millimetre (mm).

POSTERIOR

M34 D:29.7 E:33.0 F:8.3 G:8.6

M32 D:28.5 E:31.3 F:8.1 G:8.5

M30 D:27.7 E:30.2 F:7.9 G:8.4

MIXED UPPER

L11
 A: 10.5
 B: 5.2
 C: 35.5

L12
 A: 10.0
 B: 5.2
 C: 31.5

L13
 A: 9.3
 B: 5.2
 C: 34.8

L14
 A: 9.3
 B: 4.6
 C: 30.5

L15
 A: 9.2
 B: 4.8
 C: 32.4

SP-2 LUCK Mould Chart

LUCK UPPER

T11
 A: 12.0
 B: 9.3
 C: 50.4

T12
 A: 11.9
 B: 9.2
 C: 49.6

T13
 A: 10.0
 B: 8.3
 C: 43.7

T14
 A: 10.2
 B: 7.8
 C: 41.6

T15
 A: 9.8
 B: 7.9
 C: 40.8

T16
 A: 9.5
 B: 7.5
 C: 40.7

LUCK UPPER

R5
 A: 10.2
 B: 8.6
 C: 46.0

R4
 A: 10.5
 B: 8.1
 C: 44.3

R3
 A: 10.3
 B: 8.6
 C: 47.0

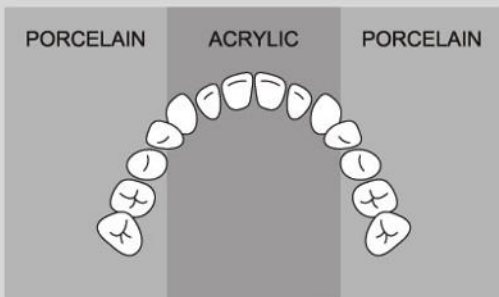
R2
 A: 10.6
 B: 8.3
 C: 45.4

R1
 A: 10.4
 B: 7.9
 C: 44.7

B1
 A: 9.5
 B: 8.0
 C: 43.1

B2
 A: 10.0
 B: 7.7
 C: 41.8

Combination Teeth

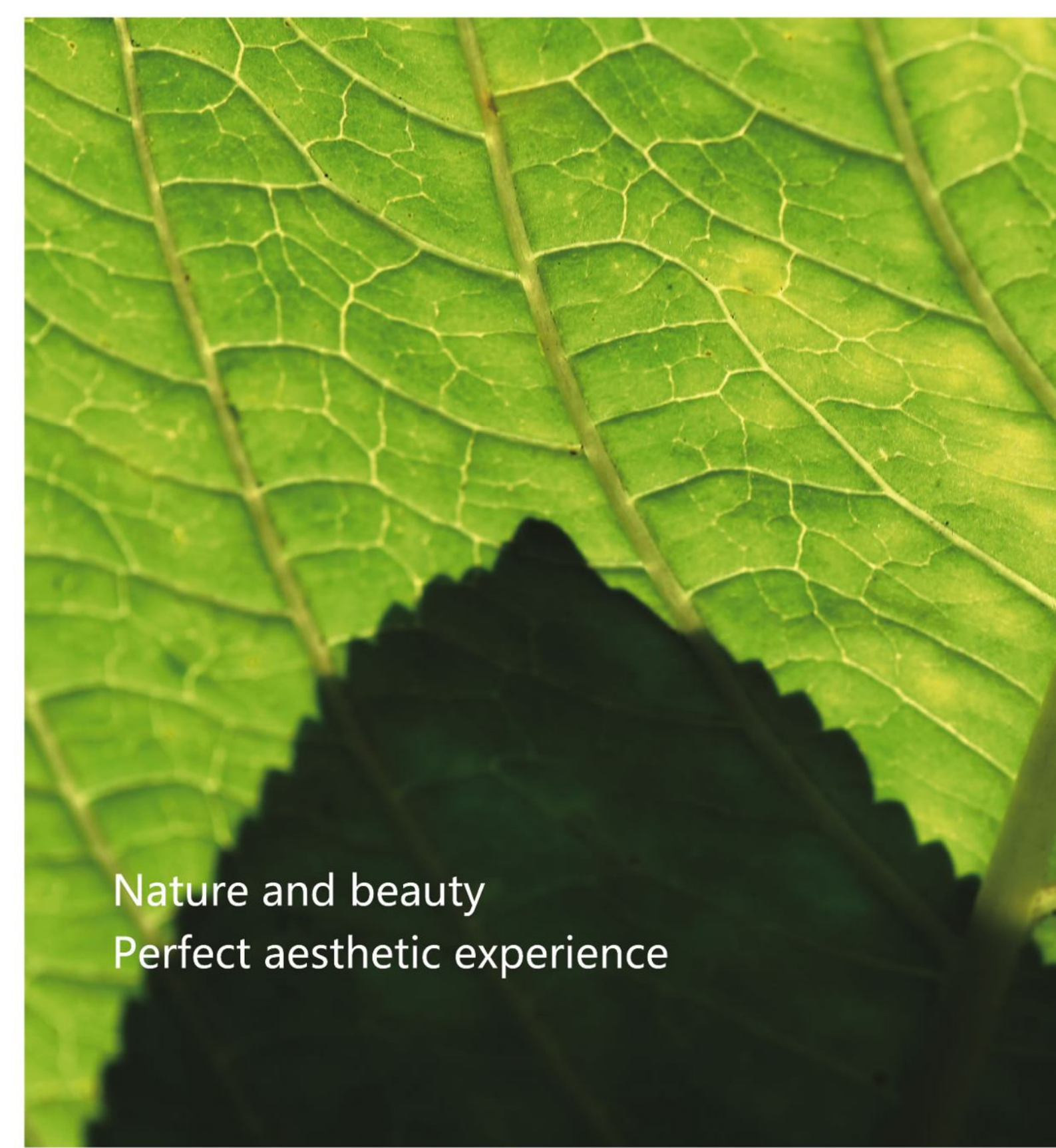


The anteriors are made from acrylic and the posteriors are made from porcelain.

TO1
 A: 8.8
 B: 7.1
 C: 37.9

TO2
 A: 9.3
 B: 7.0
 C: 37.2

B5
 A: 8.7
 B: 7.2
 C: 39.4



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 make confidence
PIGEON DENTAL

Impact Resistant (IR) Denture Base Powder

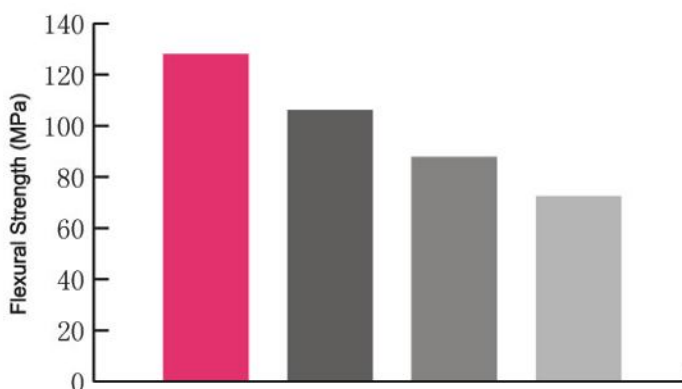
Flexural Strength

IR Powder

Pigeon Impact Resistant dental base powder adopts imported high-purity PMMA powder as the principal materials. By surface processing technology, the surface stress on PMMA is released effectively. Along with the multifunctional IR MMA, the PMMA is swelling fully. After the polymer undergoes heat treatment, a net structure is formed in the internal of its molecules. The experiments show that the flexural strength of Pigeon IR base powder is 3 times as much as the general base powder.



 Pigeon IR Powder	 Other IR Powder A
 Other IR Powder B	 Normal Denture Base Powder



There' s little distance among the molecules so the bubbles are hard to see. After formation, the base features in excellent impact resistant property. It can protect full or partial teeth from injury and prolong their life cycle. It' s surely a valuable and safe product for the patients.

- * Pigeon Powder must be mixed with Pigeon liquid
- * Please wearing gloves during operation

Superb Bionics

IR Powder

PIGEON Powder



Due to the bionic bloody fibers, the product color is bright and looks like real artery. Besides this, the IR powder contains blue fibers to simulate human vein.

Operation

It' s same to mix Pigeon IR base powder and mix other base powder in the market.

We recommend using hygienic plastic bag because it can avoid your hands to touch the liquid, prevent any possible harm to your skin, help to mix the power with the liquid apparently and fully, and lower the possibility of white spots in the product.

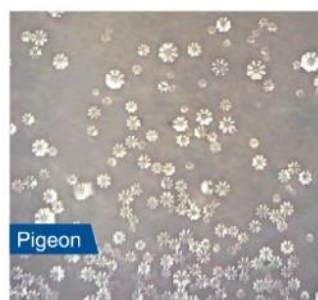
The dough in the bag is fit for cold-storage.

Mild Powder

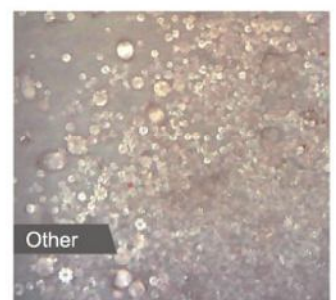
IR Powder

PIGEON Powder

Observed under 500X microscope, every particle looks full and smooth with similar size. The surface is processed completely to make it bright.



Powder Quality



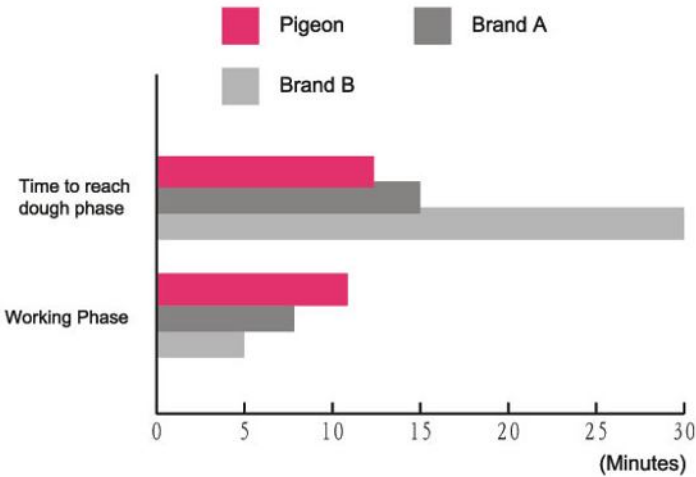
Powder Quality

Easy & Efficient

IR Powder PIGEON Powder

Thanks to the imported materials, Pigeon base powder brings more efficiency than usually used powder. It can save time and energy for doctors and technicians.

We tested in the room which temperature is 23 degree and proved that Pigeon base powder can reach dough phase faster and stay at working phase longer.

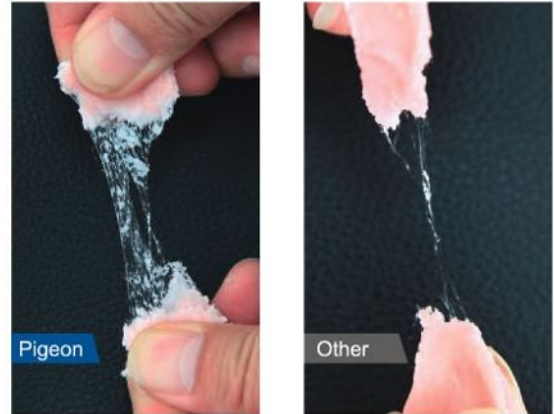


Elastic Effect

IR Powder PIGEON Powder

5-10 minutes after the mix, it will reach the elastic phase. The elastic effect looks like the following, the mass can be stretched densely and it's very tenacious, elastic and not easy to pull it apart.

The length of the mass is relatively long because it contains more molecules.



Pigeon

Others

Step 2

Prepare the set of Pigeon IR Base Powder which includes 300g powder, 150ml liquid, gloves and dropper.

Step 3

Prepare all utensils, beaker can be used to mix small quantity but we recommend plastic bag for large quantity of mix.

Step 4

The ratio of powder to liquid is 2:1. Pour the liquid into the bag, then mix it with powder until it looks sandy. Squeeze out the air and tighten the bag timely. 5 minutes later, knead the bag for 5-10 minutes to reach the dough phase.

Stack the dough to 8mm thick. Squeeze out the air if there're bubbles. The best effective time is 24 hours after cold storage under -18 to -10 degree. The materials can be used in 3-4 days after the first use.

Better Effect with Pigeon Liquid

IR Powder PIGEON Powder

Pigeon liquid adopts dehydration technology to ensure less remaining water.

The ratio of Pigeon powder(g) to liquid(ml) is 2:1.

After the mix of powder and liquid, the liquid will seep into the powder. No frequent stir but mild mix will make it done.

Advantage of Pigeon liquid

- Save liquid usage
- Time efficiency
- Less bubbles
- Less white spots



The effect of Pigeon powder&liquid



The effect of other powder&liquid

Impact Resistant Denture Base Powder



- Superior Impact Resistant
- Mild Powder
- Superb Bionics
- Outstanding Shape
- Easy & Efficient
- Multi Colors

Advanced Denture Base Powder



- Mild Powder
- Superb Bionics
- Outstanding Shape
- Easy & Efficient
- Multi Colors



Shade

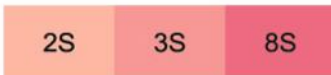
IR Powder PIGEON Powder

Pigeon denture base powder is provided in 3 shades:

2S Light Pink

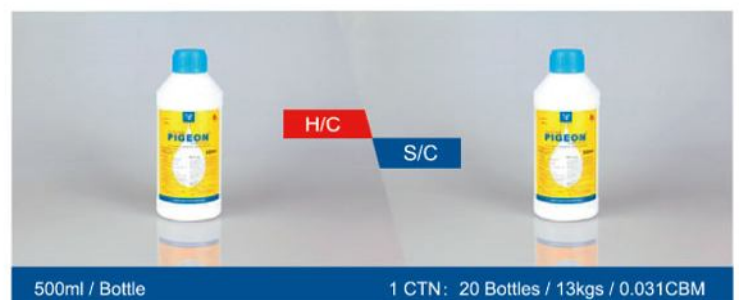
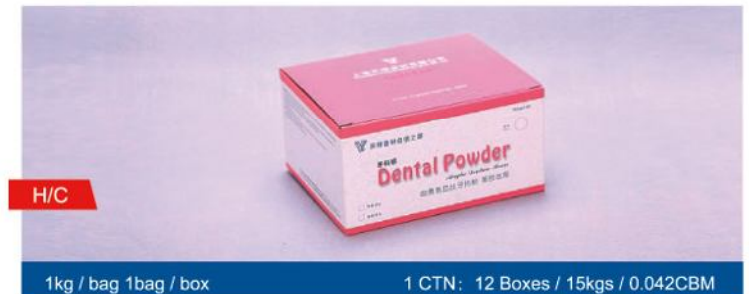
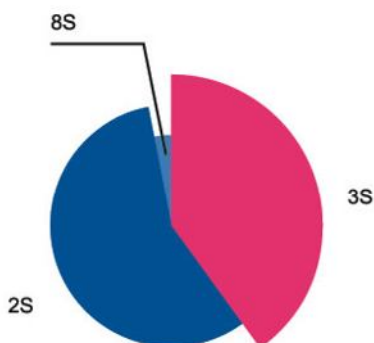
3S Pink

8S Peach



(These colors are printed for reference only. Please consult salesmen for Pigeon shade guide.)

The selection ratio of colors (for reference only)



Economic Denture Powder



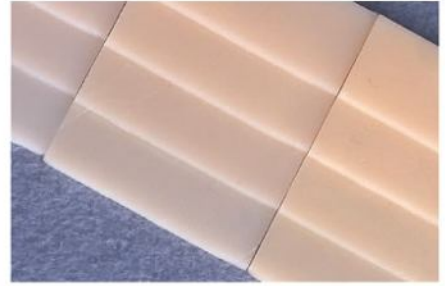
- Superb Bionics
- Outstanding Shape
- Easy Operation
- Multi Colors

Advanced Teeth Powder



- Mild Powder
- Superb Bionics
- Outstanding Shape
- Easy & Efficient
- Multi Colors

Economic Teeth Powder



- Superb Bionics
- Outstanding Shape
- Easy Operation
- Multi Colors



H/C

100g / bag 1 CTN: 120 Bags / 13kgs / 0.024CBM



H/C

100g / bag 1 CTN: 120 Bags / 15kgs / 0.024CBM



H/C

100g / bag 1 CTN: 120 Bags / 15kgs / 0.024CBM



S/C

100g / bag 1 CTN: 120 Bags / 13kgs / 0.024CBM



S/C

100g / bag 1 CTN: 120 Bags / 15kgs / 0.024CBM



S/C

100g / bag 1 CTN: 120 Bags / 15kgs / 0.024CBM

The base powder is provided in 3 colors
From lightest to darkest, #2 - #3 - #4

#2

#3

#4

The advanced teeth powder is provided in 5 colors from #0 (transparent) to #4

#0

#2

#3

The teeth powder is provided in 5 colors from #0 (transparent) to #4

#4

A1

(These colors are printed for reference only. Please consult salesmen for standard Pigeon shade guide.)

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