



# peakosil

## Impression Materials





Ryon Woo Byong

*“We will be a **PROFESSIONAL IMPRESSION MATERIAL MANUFACTURER**  
Whose **highest priority is customer satisfaction**  
with global level of competence.”*

**Neosil Corporation** is a specialized company producing dental impression material.

And as a result of the continuous development of technologies

for domestic market distribution since 2005, we had achieved the product standardization and built good reputation for years.

We furthermore, have exported our products to over 40 countries.

In order to deal with the ever-changing market,

we are doing our best with our accumulated technical skills to tailor our products to customer's various needs, and we will eventually be a pioneering company as an impression material brand by diversifying our products.

Based on stable internal management and customer trust,

we will repay your expectation and support with the best technology and quality in order to produce values that will satisfy both the company and the customers.

## History

- 2022.12.09      Awarded Gyeongnam Trade Award
- 2018.12.01      Assigned as an "Exporting promising small and medium-sized business" by the Korean gov't
- 2018.11.03      HQ relocation to Yangsan city for facility expansion
- 2017.06.26      CFDA(China) medical device registration
- 2016.11.07      ISO quality management certification
- 2015.10.21      FDA(The USA) facility registration & medical device listing
- 2015.09.22      The 1st participation as an exhibitor of an int'l exhibition (The FDI 2015, Bangkok, Thailand)
- 2013.02.02      Inauguration of the new CEO, Woo Ryong, Ryou.
- 2009.10.17      Assigned as a "Venture Business" by the Korean gov't
- 2009.01.22      ISO quality management certification
- 2009.01.09      The 1st CE medical device certification
- 2008.03.10      HQ relocation to Geumjeong-gu(Busan city) for facility expansion
- 2007.02.08      HQ relocation to Saha-gu(Busan city) for facility expansion
- 2005.03.23      Korean GMP quality management certification
- 2005.01.05      Establishment of Neosil Co., Ltd.

## Certifications

Medical device registration: FDA(USA), CE(Europe), GOST-R(Russia)...etc.

Quality management certification: ISO 13485 & GMP





## PEAKOSIL Dental Impression Materials

### Regular Set Impression Materials(Regular Setting Time)



#### peakosil Heavy Body Regular Set

Heavy bodied dental impression material, which is generally for the usage to support light body. Type1(ISO4823) | High consistency



#### peakosil Heavy Body Tube

Product filled with PEAKOSIL Heavy body in tube type containers. Type1(ISO4823) | High consistency



#### peakosil Monophase Regular Set

Medium bodied dental impression material, which is used for "Single-step Technique" with one consistency.

It can be used like both Light Body & Heavy Body. Type2(ISO4823) | Medium consistency



#### peakosil Start Kit Plus

Total solution for impression including PEAKOSIL Putty, PEAKOSIL Light Body, Yellow Mix Tip & Intra Oral Tip.



#### peakosil Light Body Regular Set

Light bodied dental impression material for acquiring more detailed impression. Type3(ISO4823) | Low consistency



#### peakosil One-Time Putty

Disposable small Putty Plus with one-click caps. Patented design.



### peakosil Putty Plus

Dental impression material to be mixed with bare hands. Type0(ISO4823) | Very high consistency

## Fast Set Impression Materials (Fast Setting Time)



### peakosil Heavy Body Fast Set

Fast set heavy bodied dental impression material, which is generally for the usage to support light body. Type 1(ISO4823) High consistency



### peakosil Light Body Fast Set

Fast set light bodied dental impression material for acquiring more detailed impression. Type3(ISO4823) Low consistency

## Bite Registration Materials



### peakosil peakosil Bite Regular Set

Dental product for bite registration with regular setting time



### peakosil Bite Fast Set

Dental product for bite registration with fast setting time



## “Very reliable, Easy to use.”

PEAKOSIL is one of the most preferred dental impression material brand in Korea. NEOSIL has been given steadfast trust from its clients.

It's the result of the continuous development of technologies for production of impression material since 2005.



## PEAKOSIL is ...

1. Stable quality management beloved by clients since 2005
2. More perfect quality management leaded by factory automation
3. Products are registered on FDA, CE, CFDA and have ISO 13485 GMP quality management certification.
4. Products made by professionalized manufacturer which have original technologies. Not OEM or reselling.

## ■ PEAKOSIL Heavy Body Regular Set / PEAKOSIL Heavy Body Tube



### Features

- Smooth mixing and easy injection reduce fatigue for the user.
- Free of taste and scent. Does not cause feeling of irritation to patient.
- High elasticity enables easy removal
- After hardened, its proper hardness minimizes negative deformation
- It does not slide from the tray
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



### Packaging

- Cartridge type : 50ml = 25ml Base + 25ml Catalyst / 1 Unit  
4 Unit / 1 Box
- Tube type : 300ml = 150ml Base in a tube + 150ml Catalyst in a tube / 1 Set

### Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 68
Color	Violet
Consistency	Type1(High)



# ■ ■ PEAKOSIL Monophase Regular Set



## Features

- High hydrophilicity and ideal flow, enable to realize precise impression with every detail.
- Compatibility with products of the other manufacturers, is excellent.
- After hardened, its proper hardness minimizes negative deformation.
- Smooth mixing & easy injection reduce fatigue of its user.
- Suggested to be used for monophase technique(Single-step/2-step)



## Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

## Technical data

Working time	$\geq 1$ min.
Setting time	$\leq 4$ min.
Hardness	Shore A 62
Color	Green
Consistency	Type2(Medium)

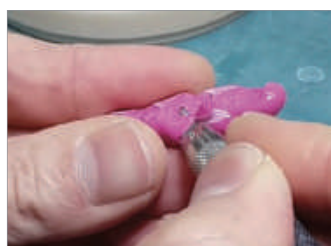


## ■ ■ PEAKOSIL Bite Regular Set



### Features

- Shore A 93 hardness minimizes negative deformation
- Easy to apply
- Patient does not feel any irritation so it's easy to acquire precise bite registration at once
- Easy to be processed with mess or bur during trimming
- Similar quality to top brand products but moderate price



### Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

### Technical data

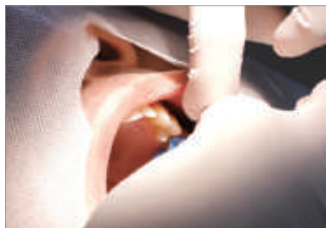
Working time	$\geq 30$ sec.
Setting time	$\leq 90$ sec.
Hardness	Shore A 93
Color	Red

# ■ ■ PEAKOSIL Bite Fast Set



## Features

- Shore A 89 hardness minimizes negative deformation
- Easy to apply
- Patient does not feel any irritation so it's easy to acquire precise bite registration at once
- Easy to be processed with mess or bur during trimming
- Similar quality to top brand products but moderate price



## Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit  
4 Unit / 1 Box

## Technical data

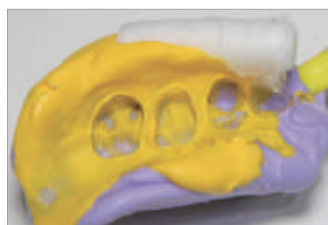
Working time	$\geq 20$ sec.
Setting time	$\leq 1$ min.
Hardness	Shore A 89
Color	Blue

## ■ ■ PEAKOSIL Light Body Regular Set



### Features

- Appropriate thixotropy. Smooth but does not flow down being applied on upper tooth
- Because of high hydrophilicity and ideal flow, able to realize details for precise impression
- High elasticity and resistance for tearing guarantees safety from negative deformation
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



### Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

### Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 52
Color	Yellow
Consistency	Type3(Low)

# ■ ■ PEAKOSIL Putty Plus



## Features

- Not sticky. Its viscosity is suitable for mixing it with bare hands
- Patient does not feel any repulsion because it has no taste and odor
- After hardened, very hard to minimize negative deformation during impression
- High affinity with plaster enables detailed modeling.
- Oil does not ooze during mixing with bare hands. Dissimilar to putties of other manufacturers



## Packaging

- 560ml = 280ml Base + 280ml Catalyst / 1 Set

## Technical data

Working time	$\geq 40$ sec.
Setting time	$\leq 4$ min.
Hardness	Shore A 71
Color	Blue
Consistency	Type0(Very High)



## ■ PEAKOSIL One-Time Putty



### Features

- Uniquely designed Putty Plus product for disposable usage
- Not sticky. Its viscosity is suitable for mixing it with bare hands
- Patient does not feel any repulsion because it has no taste and odor
- After hardened, very hard to minimize negative deformation during impression
- High affinity with plaster enables detailed modeling.
- Oil does not ooze during mixing with bare hands. Dissimilar to putties of other manufacturers



### Packaging

- 1 PCS = 24ml = 12ml Base + 12ml Catalyst
- 10 PCS / 1 BOX

### Technical data

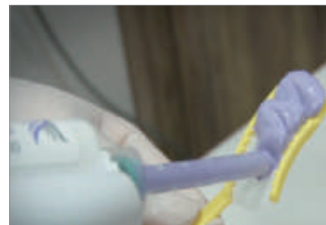
Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 71
Color	Blue
Consistency	Type0(Very High)

# ■ ■ PEAKOSIL Heavy body Fast Set



## Features

- Smooth mixing and easy injection reduce fatigue for the user.
- Free of taste and scent. Does not cause feeling of irritation to patient.
- High elasticity enables easy removal
- After hardened, its proper hardness minimizes negative deformation
- It does not slide from the tray
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent



## Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit  
4 Unit / 1 Box

## Technical data

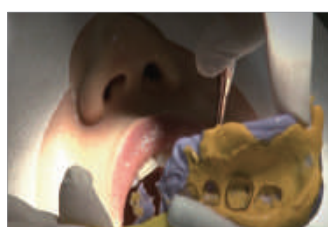
Working time	≥ 30 sec.
Setting time	≤ 2 min. 30 sec.
Hardness	Shore A 68
Color	Violet
Consistency	Type1(High)

## ■ ■ PEAKOSIL Light Body Fast Set



### Features

- Appropriate thixotropy. Smooth but does not flow down being applied on upper tooth
- Because of high hydrophilicity and ideal flow, able to realize details for precise impression
- High elasticity and resistance for tearing guarantees safety from negative deformation
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



### Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

### Technical data

Working time	$\geq 30$ sec.
Setting time	$\leq 2$ min. 30 sec.
Hardness	Shore A 52
Color	Yellow
Consistency	Type3(Low)

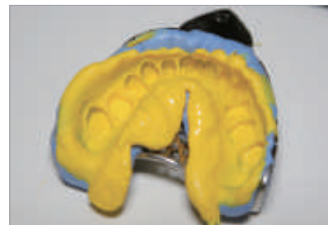


# ■ ■ PEAKOSIL Start Kit Plus



## Features

- Total impression solution including PEAKOSIL Putty Plus, PEAKOSIL Light Body & mixing tips.
- 6 Yellow Mix Tips & 6 Intra Oral Tips are enough for 2 cartridges of PEAKOSIL Light Body in this product.
- Good to be provided to dental school students for practice



## Packaging

- PEAKOSIL Light Body : 50ml = 25ml Base + 25ml Catalyst / Unit
- PEAKOSIL Putty Plus : 560ml = 280ml Base+ 280ml Catalyst/ Set
- 2 units of PEAKOSIL Light Body & 1 set of PEAKOSIL Putty Plus are included in 1 set of PEAKOSIL Putty Plus, with 6 Yellow Mix Tips(For PEAKOSIL Light Body) & 6 Intra Oral Tips

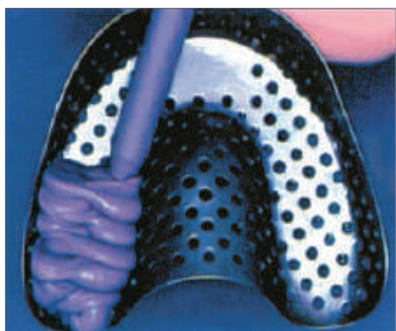
## Technical data

Please check technical data of PEAKOSIL Light Body & PEAKOSIL Putty Plus.



## ■ One - Step Impression Technique (PEAKOSIL Light Body, Heavy Body)

1



Dispense Heavy Body on tray avoid to cause air bubbles on surface of Heavy Body...

2



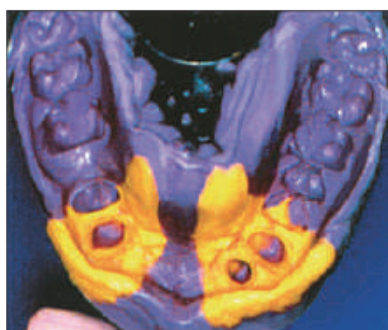
After you dried tooth surfaces, inject Light Body on teeth or on personalized tray made at 1st procedure.

3



Make a patient to bite personalized tray avoiding any movement.

4



Remove impression body from patient's mouth after setting time. Then rinse, dry and disinfect it.

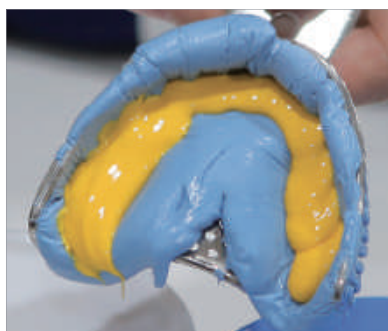
## ■ Two - Step Impression Technique (PEAKOSIL Light Body, Putty Plus)

1



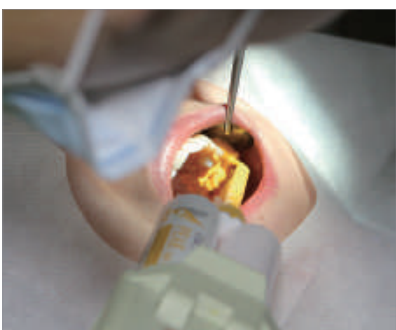
Put mixed Putty on tray. Then cover it with spacer (Vinyl/Gauze)

2



Inject Light Body on personalized tray made at 1st procedure.

3



Meanwhile, inject Light Body on teeth. Then make patient to bite personalized tray avoiding any movement.

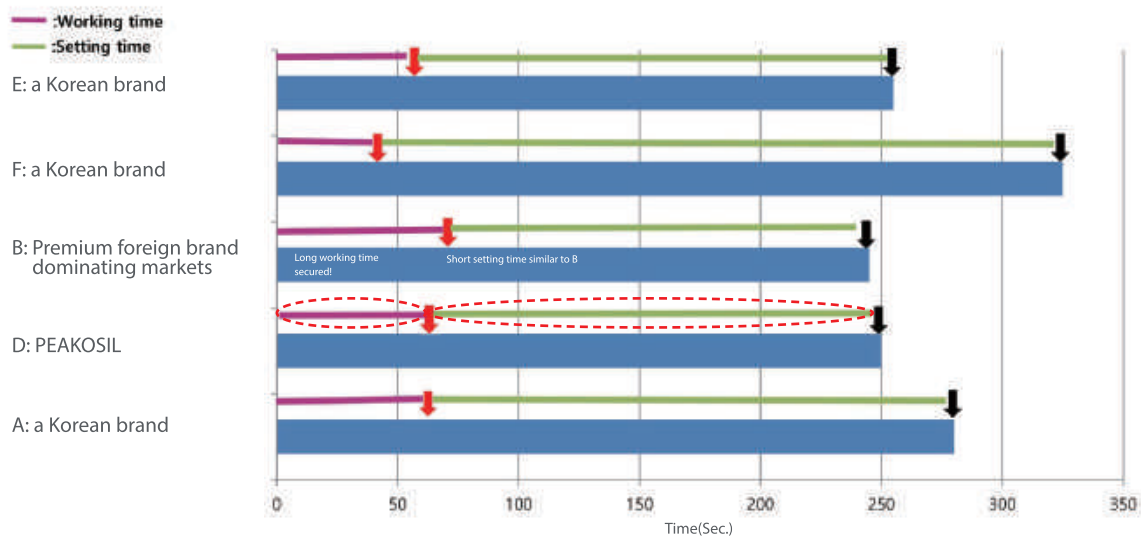
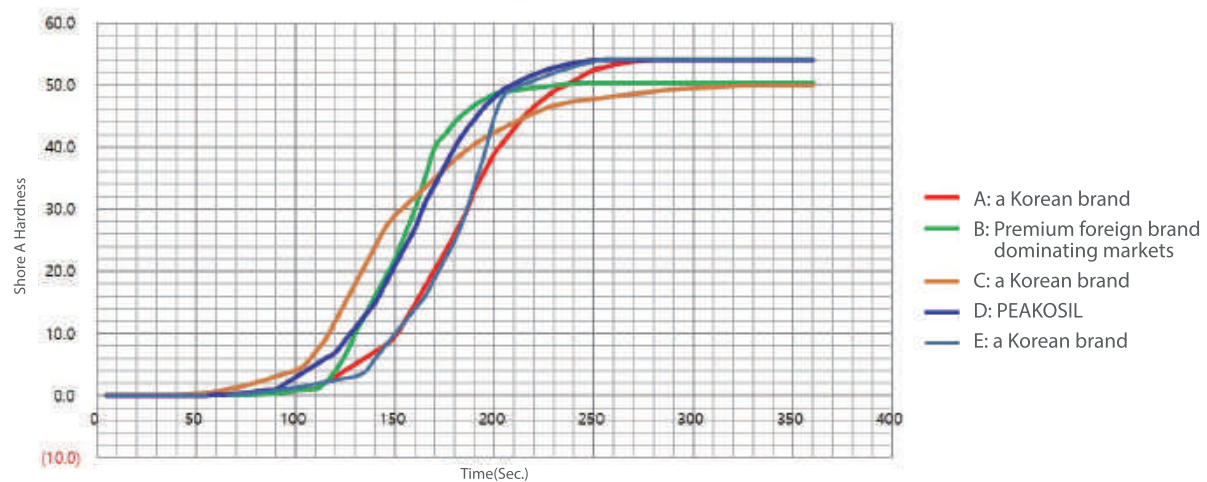
4



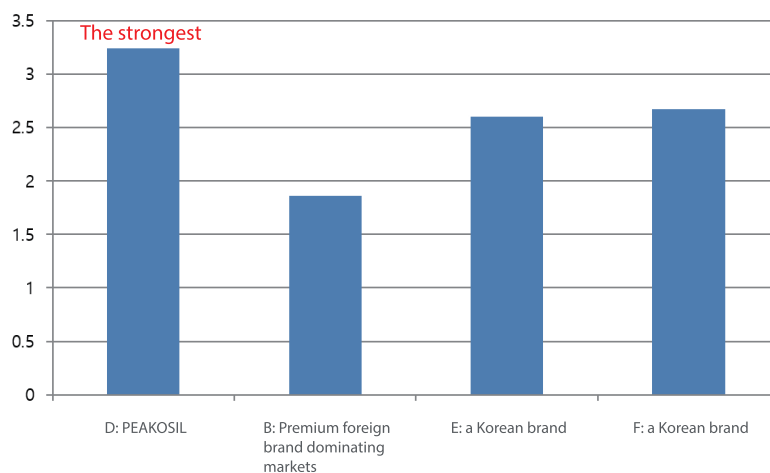
Remove impression body from patient's mouth after setting time. Then rinse, dry and disinfect it.

# ■ Comparison with competing impression materials

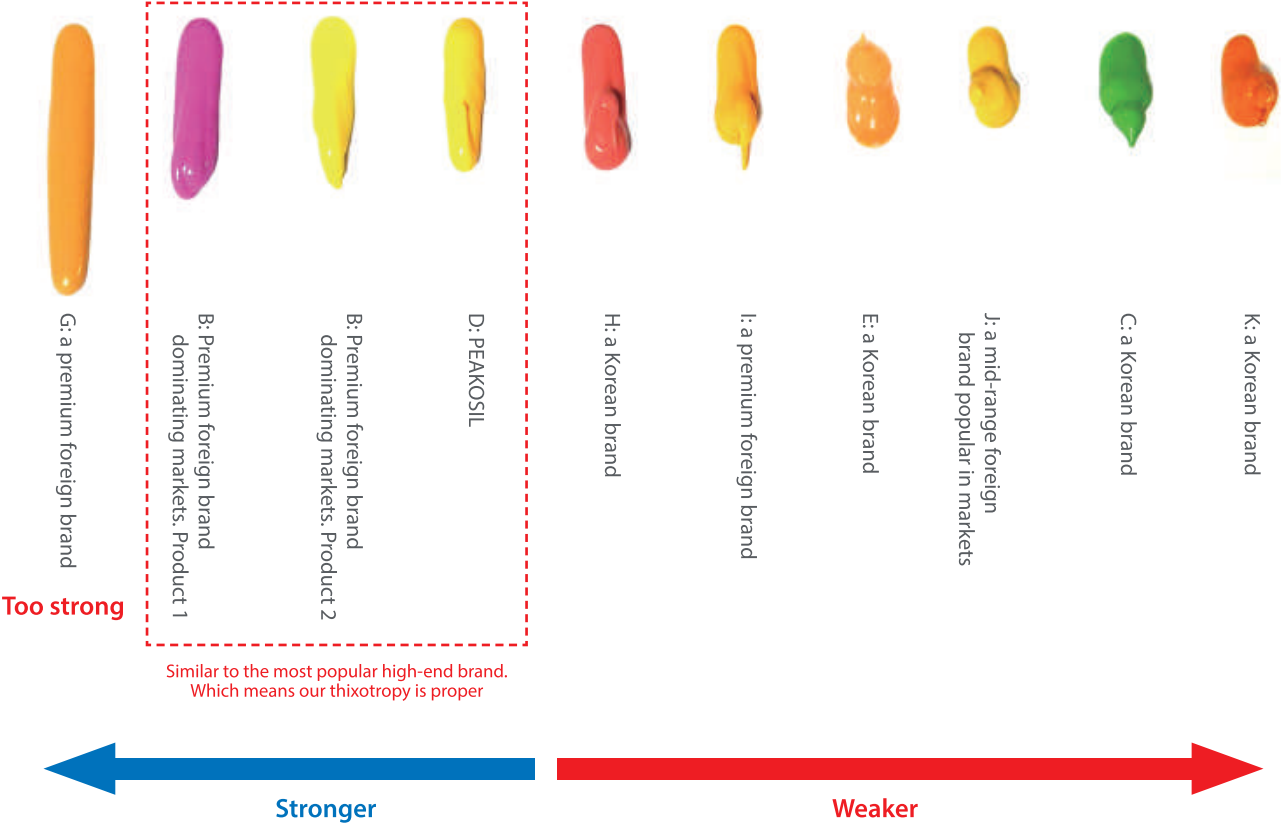
## 1. Working time & setting time



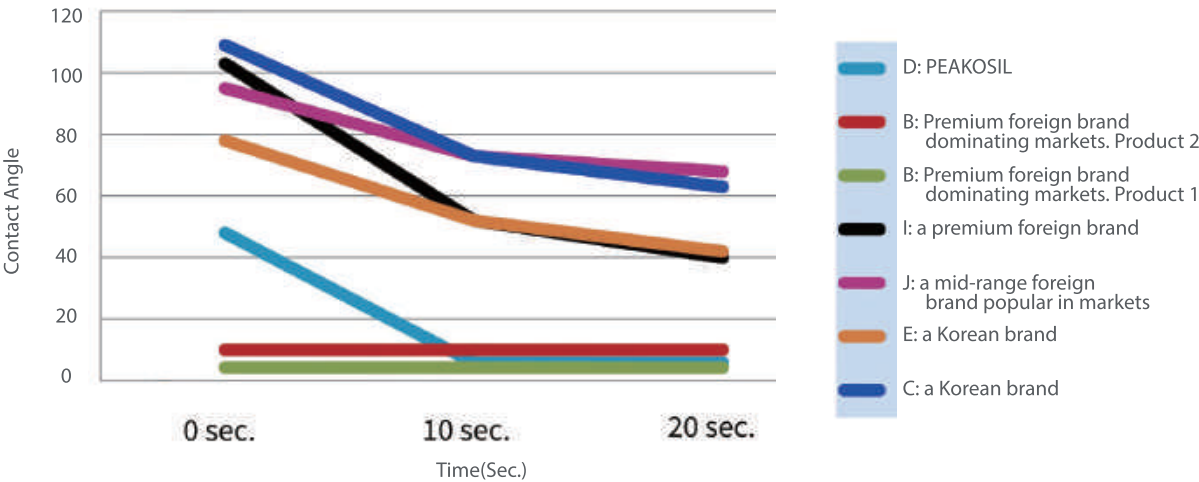
## 2. Tensile strength




### 3. Thixotropy



### 4. Hydrophilicity





**NEOSIL** is doing its best for continuous R&D.  
Our goal is to manufacture dental impression materials  
which have highest quality.



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**Youtube Channel :** Search "NEOSIL" and "PEAKOSIL" together in Youtube.  
Or use the QR code on the right with any QR code app.

