



Honigum Pro

For real impression masterpieces.

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Impressions made your way:
Honigum Pro

Stays where you need it – flowable when you want it.

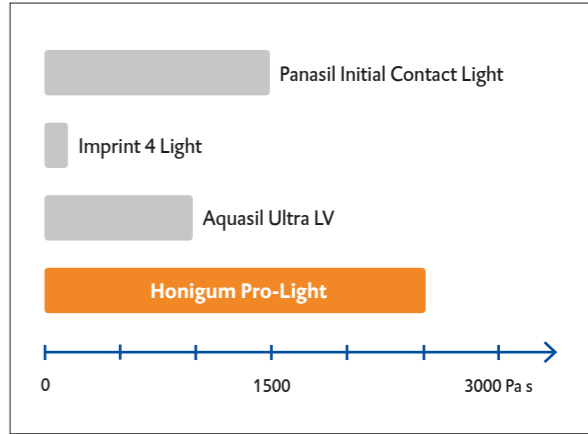
Stability or flowability? The precision A-silicone Honigum Pro makes no compromises in this respect and offers top values in both disciplines. The result: maximum precision, no-mess handling. No drips during insertion, no inadvertent material run-off – either from the preparation or from the impression tray.

In combination with the outstanding toughness that ensures effective removal, Honigum Pro reliably delivers maximum precision impressions. Also particularly suited for implant prosthetics! An additional feature facilitates conveniently long working times combined with a short intraoral setting time called »Snap-Set« technology.

UNIQUELY BENEFICIAL: THE RHEOLOGICALLY ACTIVE MATRIX.

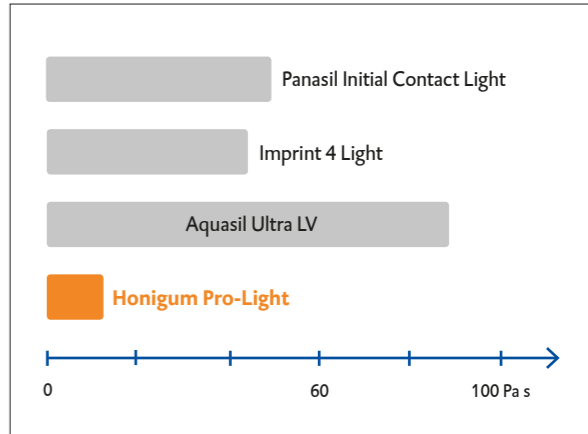
Honigum Pro's unique chemistry, developed by DMG, enables unparalleled flowability under pressure – AND outstanding stability when force is not applied. That means: Honigum Pro flows when it needs to flow. And that's all! This allows even the smallest areas to be reliably reached, also in moist conditions. This characteristic also ensures that the material always stays in the area where it has been applied without seeping away. The special crystal structure guarantees it.

VISCOSITY AT 10 PA / LOW SHEAR STRESS



Honigum Pro-Light achieves the highest stability values under low shear stress, i.e. **norun-off from the preparation.**¹

VISCOSITY AT 1000 PA / HIGH SHEAR STRESS



In comparison with competitor products, Honigum Pro-Light offers the best flowability under high shear stress, **reproducing even the finest details.**¹

¹ Source: Internal DMG measurements, data on file, 2011

Clear benefits in daily routine.

Impression materials must be able to handle moisture. Flow behavior in the moist sulcus environment plays a crucial role in the accuracy of the impression—and thus in the quality of the restoration. Of the impression materials tested, Honigum Pro Heavy in combination with Honigum Pro Light demonstrates the best flow behavior in the moist conditions of the area of the subgingival preparation line in an artificial sulcus. The reason: The combination of good hydrophilicity and unique rheological behavior – and that's not all. The new Honigum Pro material also scores highly in terms of toughness and convenient processing.

EFFECTIVE REMOVAL THANKS TO EXTREME TOUGHNESS.

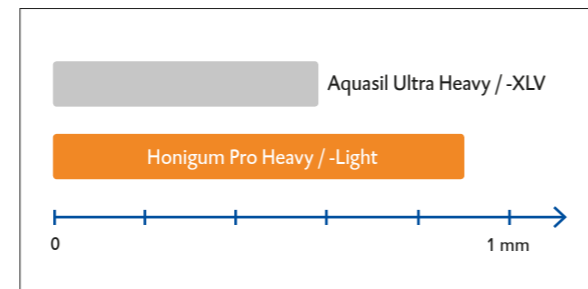
An impression that tears when it is removed from the mouth is a wasted impression. It costs the dentist time and money. In order to prevent impression-taking from being repeated unnecessarily, a correction impression material should above all offer good tear strength and elongation at break.

The combination of these two important factors is scientifically known as toughness.

Tear strength & elongation at break = toughness

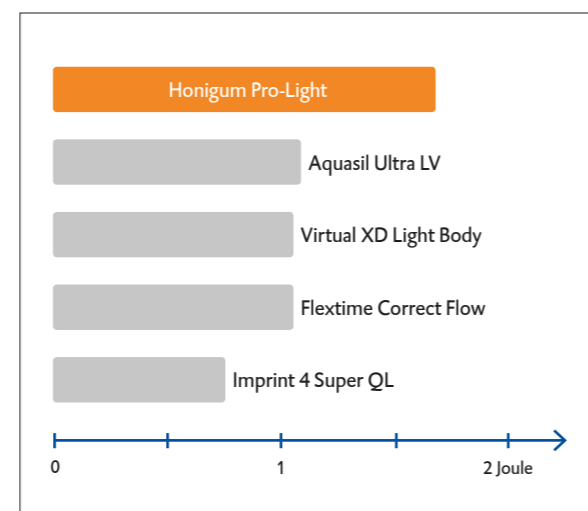
Ultimately it is this characteristic that ensures effective removal and thus plays a crucial role in the final restoration result. When measured Honigum Pro achieves the best toughness values of all the materials tested.

PENETRATION DEPTH INTO MOIST SULCUS



Honigum Pro exhibits the best penetration – for optimum accuracy in impressions.²

TOUGHNESS



Honigum Honigum Pro-Light scores best in toughness – for a safe removal.¹

CONVENIENT PROCESSING THANKS TO »SNAP-SET« TECHNOLOGY.

Generous working time, even while in the mouth, while at the same time offering a conveniently short intraoral setting time: that's the unbeatable combination provided by DMG's »Snap-Set« technology.

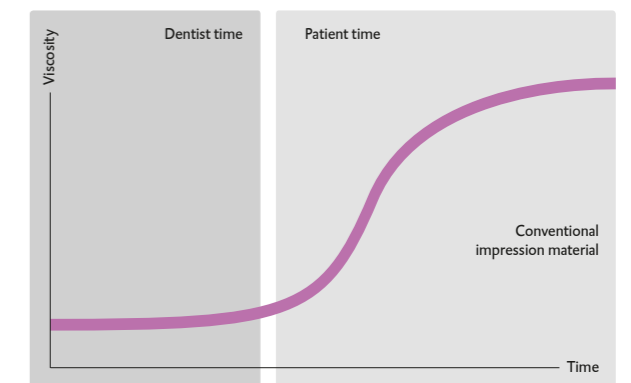
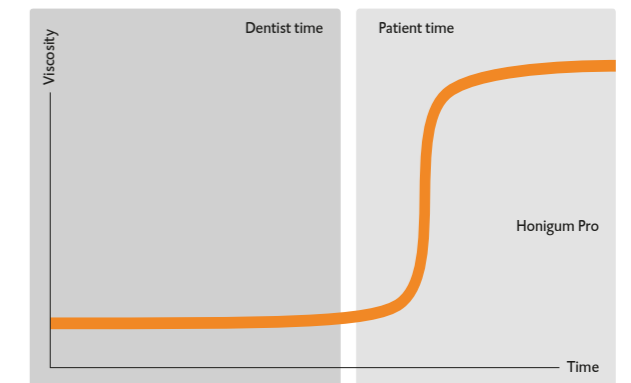
The convenient working time reduces stress to a minimum. Distortions due to the material already setting are prevented, and inaccuracies as a result of micro movements reduced thanks to faster cross linking.

Benefit for the patient: Shorter intraoral setting time and thus significantly greater comfort during treatment.

Benefit for the dentist: Work is more relaxed and reliable – even intraorally, despite the short intraoral setting time.

This is because viscosity remains constant for a longer period.

»SNAP-SET« TECHNOLOGY



Convenient working time and short setting time in the mouth. **Maximum convenience for the dentist and patient with Honigum Pro.¹**

¹ Source: Internal DMG measurements, data on file, 2011

² Source: Prof. Dr. B. Wöstmann, Justus-Liebig-Universität Gießen, Poliklinik für Zahnärztliche Prothetik.

¹ Source: Internal DMG measurements, data on file, 2011

Particularly suited to implant impressions.

IN IMPLANT PROSTHETICS, IN PARTICULAR, IMPRESSIONS HAVE AN IMPORTANT ROLE TO PLAY.

The position of the impression posts must be meticulously recorded and reproduced. The precise transfer of the oral situation to the working model is critical in fabricating a superstructure that offers an exact fit – and in ensuring that it fits perfectly in the patient's mouth.

WHY HONIGUM PRO?

The special structure of Honigum Pro offers an optimum combination of stability with outstanding flowability.

As a result, the material flows particularly well around the impression posts and transfer caps – but nevertheless reliably remains at the application site.

Thanks to the rapid setting behavior and high final

hardness, particularly with Honigum Pro Heavy, the impression posts and transfer caps are reliably secured. This enables torsion to be avoided.

With Honigum Pro, gingival structures are reproduced in detail. This ensures harmonious placement of the prosthetic implant within the gingival contour.

The fast versions of Honigum Pro shorten treatment times even further.

WHICH TECHNIQUE SHOULD BE USED WITH WHICH MATERIAL?

In the case of combined restorations comprised of implants and prepared teeth, the combination of Honigum Pro Heavy and Honigum Pro Light is recommended with the double-mixing technique.

With a pure implant impression Honigum Pro-Heavy is also suitable as a monophasic impression material.



OPEN IMPRESSION TRAY



Gingival formers after the implants have healed into position.



Syringing around the impression posts using Honigum Pro-Heavy.



Honigum Pro-Heavy: stable after application.



Complete syringing around impression posts with Honigum Pro-Heavy.



Fixation of the impression posts in an individual, open impression tray.



Honigum Pro-Heavy fixes the impression posts in a stable position.

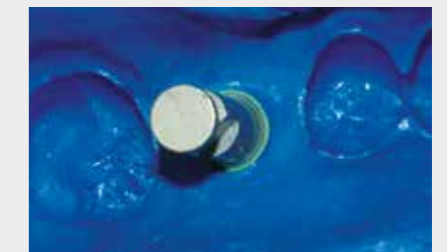
CLOSED IMPRESSION TRAY



Syringing around the transfer cap using Honigum Pro-Heavy.



Impression with positioned transfer cap.



Placing the implant analog in a stable position of a transfer cap.



Honigum Pro-Light

High-precision, VPS-based correction impression material with a light consistency

INDICATIONS

Crown and bridge impressions, inlay and onlay impressions

BENEFITS FOR THE DENTIST

- > Intelligent flow properties and extraordinary stability
- > Excellent hydrophilic properties
- > Registers even the finest details
- > Very high toughness
- > Easily readable shade contrast

Honigum Pro-Heavy

Precision, VPS-based impression material with a heavy consistency

INDICATIONS

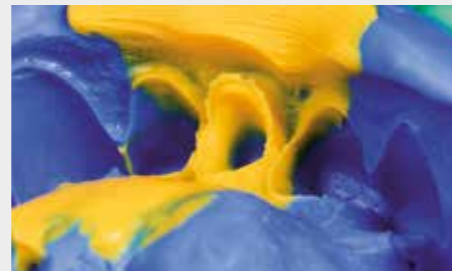
Crown and bridge impressions, inlay and onlay impressions, all types of pickup impressions, e.g. for implants

BENEFITS FOR THE DENTIST

- > High final hardness
- > Optimal resistance when positioned
- > Trouble-free and safe removal
- > Invariably homogeneous, bubble-free material quality



Applying the light material.



The homogeneous impression as a result.



Initial situation with positioned retraction cords.



Accurate reproduction of the preparation margins with Honigum Pro-Heavy and Honigum Pro-Light.

Honigum Pro-Putty

Precision, VPS-based impression material with a putty-like consistency

INDICATIONS

Crown and bridge impressions, inlay and onlay impressions

SPECIALTIES

Real putty consistency from the DMG MixStar cartridge

BENEFITS FOR THE DENTIST

- > Outstanding recovery after deformation
- > Excellent dimensional stability
- > Can be shaped by hand

Honigum Pro-Mono

Monophase VPS-based impression material with medium consistency

INDICATIONS

Crown and bridge impressions, inlay, onlay and functional impressions, as well as pressure-spot indications and all types of pickup impressions, e.g. for implants

BENEFITS FOR THE DENTIST

- > One-step precision
- > Trouble-free and safe removal
- > Highly hydrophilic and superior flow behavior
- > Precise reproduction of the preparation line
- > Very high tear strength



Insertion of the impression tray filled with Honigum Pro-Putty and Honigum Pro-Light.



Detailed impression taking with Honigum Pro-Putty and Honigum Pro-Light.



Application of Honigum Pro-Mono – it stays on the preparation.



Detailed impression in a single step with Honigum Pro-Mono.



MixStar High-Speed Design.

The DMG MixStar-eMotion sets new standards for the future. Its forward-looking technology makes it:

Easier. The MixStar-eMotion is extremely easy to operate. With one quick push-button operation the material is automatically dosed, mixed, and dispensed with electronic precision. And to further simplify the work process the unit features two timers for working time and setting time. The time settings for different impression materials can be pre-programmed, stored and easily retrieved.

Faster. The MixStar-eMotion features three speed levels. At the highest level, the material can be dispensed twice as fast as with the previous model, the MixStar. In other words, you can save up to 20 seconds when filling the impression tray.

Safe. Electronically controlled, the MixStar-eMotion delivers an invariably homogenous and bubble-free material quality. The material dispensed into the tray is always precisely dosed and material waste is reduced to a minimum. By programming and storing the correct working and setting times mixing and impression errors can be prevented.



Colored sliders and labels with the corresponding times for processing and intraoral setting time.



Easy loading of a syringe at speed level 1.



Quick loading of a tray at speed level 2 or 3.



- Fully automatic
- Delivery twice as fast as with the previous MixStar model
- 3 selectable speeds
- 2 timers for working and setting times
- Easy to use and quick processing
- Suitable for foil bags and cartridges



PROGRAM PRESETS OF THE MIXSTAR-EMOTION

Program / Material	Working time	Recommended time in mouth
Honigum Pro-Heavy	2:45 min	3:15 min
Honigum Pro-Heavy Fast	1:30 min	2:00 min
Honigum Pro-MixStar Putty	1:45 min	3:15 min
Honigum Pro-Mono	2:45 min	3:15 min
Honigum Pro-Mono Fast	1:30 min	2:00 min

PACKAGING

Honigum Pro-Light

Packaging:		Economy Pack:	
4 Cartridges @ 25 ml		16 Cartridges @ 25 ml	
10 Automix-Tips Yellow		40 Automix-Tips Yellow	
10 Intraoral-Tips Yellow		40 Intraoral-Tips Yellow	
Honigum Pro-Light	REF 929539	Honigum Pro-Light	REF 929690
Honigum Pro-Light Fast	REF 929639	Honigum Pro-Light Fast	REF 929691
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
10 Automix-Tips Yellow		40 Automix-Tips Yellow	
10 Intraoral-Tips Yellow		40 Intraoral-Tips Yellow	
Honigum Pro-Light	REF 929831	Honigum Pro-Light	REF 929835
Honigum Pro-Light Fast	REF 929832	Honigum Pro-Light Fast	REF 929836

Honigum Pro-Mono

Packaging:		Economy Pack:	
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
4 , Automix-Tips Green		16 , Automix-Tips Green	
4 Intraoral-Tips Transparent		16 Intraoral-Tips Transparent	
Honigum Pro-Mono	REF 929830	Honigum Pro-Mono	REF 929834
Honigum Pro-Mono Fast	REF 929976	Honigum Pro-Mono Fast	REF 929977
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar-Tips		50 MixStar-Tips	
Honigum Pro-Mono	REF 929568	Honigum Pro-Mono	REF 929569
Honigum Pro-Mono Fast	REF 929978	Honigum Pro-Mono Fast	REF 929979

Honigum Pro-Heavy

Packaging:		Economy Pack:	
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
4 Automix-Tips Green		16 Automix-Tips Green	
Honigum Pro-Heavy	REF 929766	Honigum Pro-Heavy	REF 929837
Honigum Pro-Heavy Fast	REF 929838	Honigum Pro-Heavy Fast	REF 929839
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar-Tips		50 MixStar-Tips	
Honigum Pro-Heavy	REF 929537	Honigum Pro-Heavy	REF 929538
Honigum Pro-Heavy Fast	REF 929638	Honigum Pro-Heavy Fast	REF 929637

Honigum Pro-Putty

Packaging:		Economy Pack:	
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar-Tips		50 MixStar-Tips	
Honigum Pro-Putty	REF 929374	Honigum Pro-Putty	REF 929375
2 Jars @ 450 ml		8 Jars @ 450 ml	
Honigum Pro-Putty Soft	REF 929364	Honigum Pro-Putty Soft	REF 929369
Honigum Pro-Putty Soft Fast	REF 929365	Honigum Pro-Putty Soft Fast	REF 929370
Honigum Pro-Putty Rigid Fast	REF 929366	Honigum Pro-Putty Rigid Fast	REF 929371

Retraction Paste

Packaging:	
25 Compules @ 0.37 g	REF 919381

Accessories:

1 Automix-Dispenser Type 25 1:1	REF 110253
1 Automix-Dispenser Type 50 1:1	REF 909507
50 Automix-Tips Yellow 1:1	REF 909200
50 Intraoral-Tips Yellow	REF 909201
50 Automix-Tips Green 1:1	REF 909490
50 Intraoral-Tips Transparent	REF 909400
1 MixStar-eMotion Mixing device 230 V int.	REF 900480
50 MixStar-Tips	REF 903334
1 Bottle @ 10 ml Tray Adhesive	REF 909394

Honigum Pro-Light



Honigum Pro-Mono



Honigum Pro-Heavy



Honigum Pro-Putty



Retraction Paste

