

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.

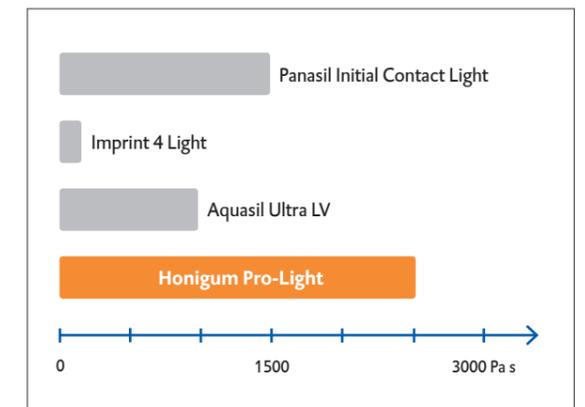
Stability or flowability? The precision A-silicone Honigum Pro makes no compromises in this respect and offers top values in both disciplines. The result: maximum precision, no-mess handling. No drips during insertion, no inadvertent material run-off – either from the preparation or from the impression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

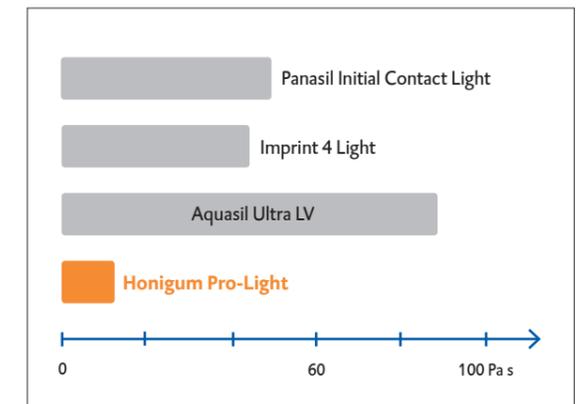
Honigum Pro's unique chemistry, developed by DMG, enables unparalleled flowability under pressure – AND outstanding stability when force is not applied. That means: Honigum Pro flows when it needs to flow. And that's all! This allows even the smallest areas to be reliably reached, also in moist conditions. 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.

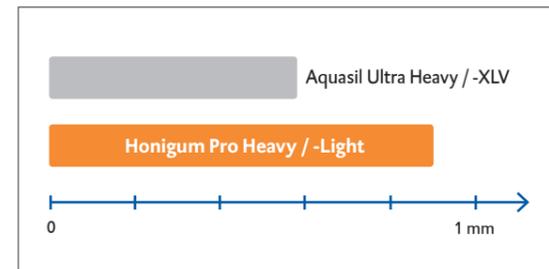
An impression that tears when it is removed from the mouth is a wasted impression. It costs the dentist time and money. In order to prevent impression-taking from being repeated unnecessarily, a correction impression material should above all offer good tear strength and elongation at break.

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

Tear strength & elongation at break = toughness

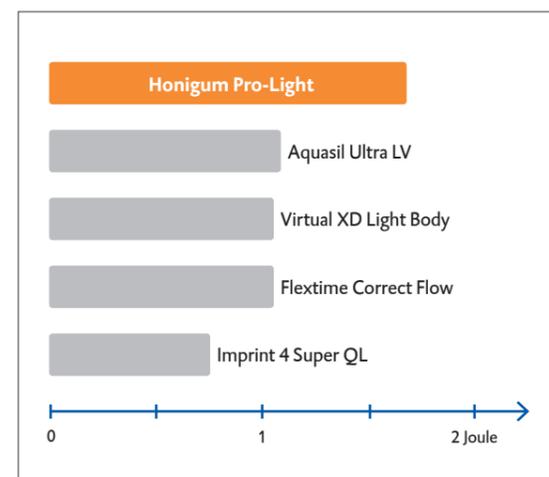
Ultimately it is this characteristic that ensures effective removal and thus plays a crucial role in the final restoration result. When measured Honigum Pro achieves the best toughness values of all the materials tested.

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.

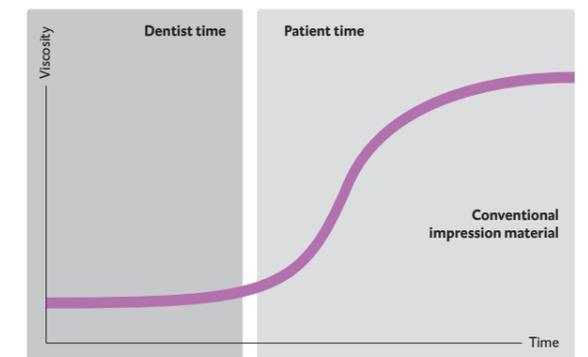
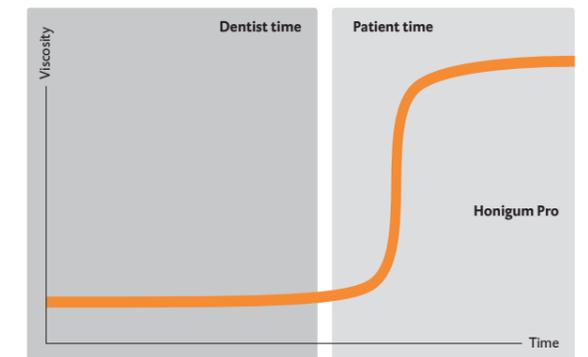
The convenient working time reduces stress to a minimum. Distortions due to the material already setting are prevented, and inaccuracies as a result of micro movements reduced thanks to faster cross linking.

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.

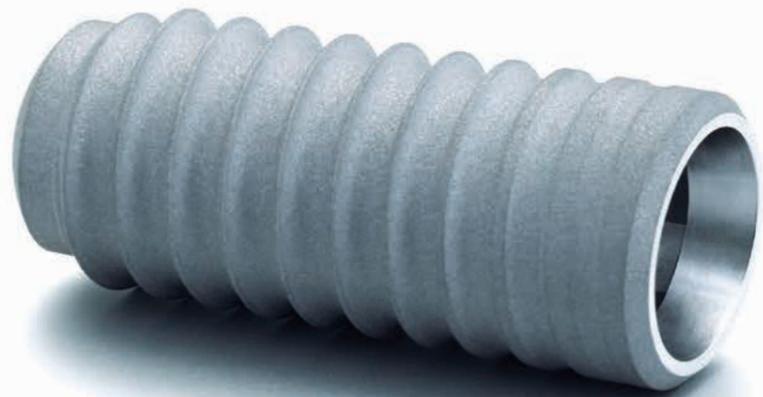
With Honigum Pro, gingival structures are reproduced in detail. This ensures harmonious placement of the prosthetic implant within the gingival contour.

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.

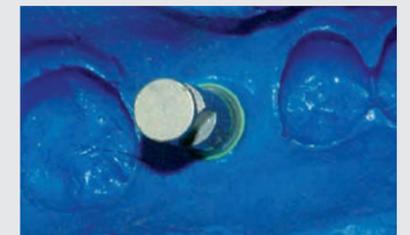
CLOSED IMPRESSION TRAY



Syringing around the transfer cap using Honigum Pro-Heavy.



Positioning of the transfer cap on the integrated implant.



Syringing around the transfer cap using Honigum Pro-Heavy.



Honigum Pro-Light

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

INDICATIONS

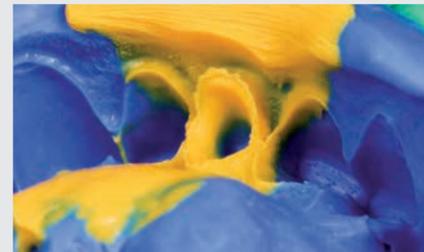
Crown and bridge impressions, inlay and onlay impressions

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



Applying the light material.



The homogeneous impression as a result.

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



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

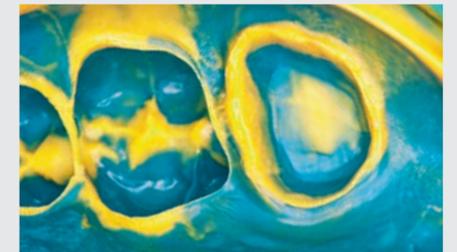
Real putty consistency from the DMG MixStar cartridge

BENEFITS FOR THE DENTIST

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



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.

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



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
PD1 Honigum-Heavy	2:15 min	3:15 min
PD2 Honigum-Heavy Fast	1:15 min	2:00 min
PD3 Honigum-MixStar Putty	1:45 min	3:15 min
PD4 Honigum-Mono	2:00 min	3:15 min

PACKAGING

Honigum Pro-Light

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

Honigum Pro-Mono

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

Honigum Pro-Heavy

Packaging:	REF	Economy Pack:	REF
2 Cartridges @ 50 ml 4 Automix-Tips Green Honigum Pro-Heavy Honigum Pro-Mono Fast	REF 929537 REF 929638	8 Cartridges @ 50 ml 16 Automix-Tips Green Honigum Pro-Heavy Honigum Pro-Heavy Fast	REF 929837 REF 929839
1 Cartridge @ 380 ml 10 MixStar-Tips Honigum Pro-Heavy Honigum Pro-Heavy Fast	REF 929568 REF 929978	5 Cartridges @ 380 ml 50 MixStar-Tips Honigum Pro-Heavy Honigum Pro-Heavy Fast	REF 929538 REF 929637

Honigum Pro-Putty

Packaging:	REF	Economy Pack:	REF
1 Cartridge @ 380 ml 10 MixStar-Tips Honigum Pro-Putty	REF 929374	5 Cartridges @ 380 ml 50 MixStar-Tips Honigum Pro-Putty	REF 929375
2 Jars @ 450 ml Honigum Pro-Putty Soft Honigum Pro-Putty Soft Fast Honigum Pro-Putty Rigid Fast	REF 929364 REF 929365 REF 929366	8 Jars @ 450 ml Honigum Pro-Putty Soft Honigum Pro-Putty Soft Fast Honigum Pro-Putty Rigid Fast	REF 929369 REF 929637 REF 929371

Retraction Paste

Packaging:	REF
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

