



A smile ahead.

Honigum

The impression material for professional precision





Professional Precision



Honigum represents a significant innovation of DMG. The precision impression material based on addition-cured silicones combines exceptional mechanical values with a previously unachieved rheological behaviour. Honigum provides an outstanding form of stability by still providing incomparably good flow properties under light pressure. Exact details even in areas below the preparation are precisely imprinted. In connection with the balanced hydrophilicity, reproduction

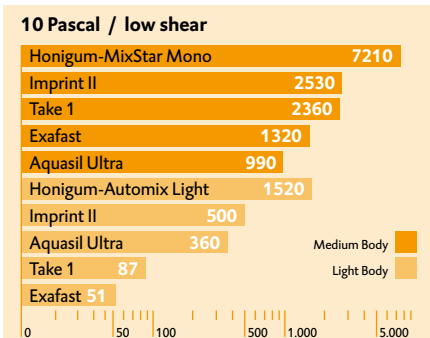
of even finest details is possible.

Therefore Honigum provides an ideal combination of reliable stability in conjunction with sensationally good flow properties.

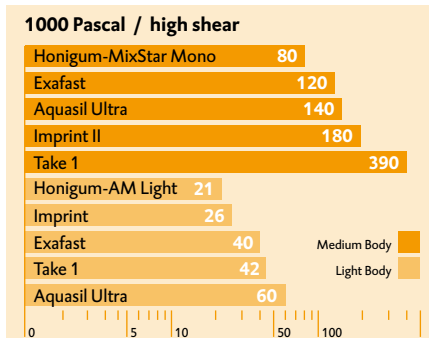
Honigum is available in several application forms and material types. It offers a solution for every indication.



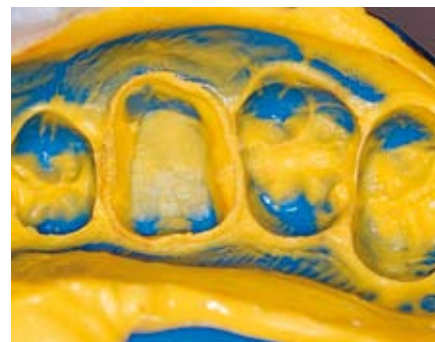
Extraordinary Patient Friendliness	Perfect Material Properties	Outstanding Handling Properties
<p>Neutral taste and honey scent – Increased patient comfort</p> <p>Biocompatible – Well tolerated by the patient</p> <p>Optimally adjusted elasticity and tear strength – Easy removal from mouth</p>	<p>Extraordinary detail reproduction – Excellent readability</p> <p>Exceptional stability – No dripping</p> <p>Remarkable flow properties – Exact margins of the reproduction</p> <p>Well-balanced hydrophilicity – Adaptation to smallest areas</p>	<p>Variety of setting times – Individual timing</p> <p>Automatic mixing – Constant bubble-free and homogeneous mixing</p>



Highest viscosities at low shear ensure best stability in DMG products.*



Under high shear stress, Honigum-Light and Honigum-Mono exhibit the best flow properties in their material class.*



Perfect impression – Honigum-Heavy with Honigum-Light.

A quantum leap where rheological behavior is concerned

The diagrams show the viscosity behavior of different impression materials (light body and medium body) at low (10 Pa) and high shear (1000 Pa). The diagrams show clearly the unique rheological behavior of Honigum-Light and Honigum-Mono.

Under low shear stress, Honigum exhibits significantly higher values than its competitors, which emphasizes its exceptional stability. This characteristic ensures that the material always stays in the area where it has been applied without seeping away.

Under high shear stress, the viscosity of the material changes.

Here, the considerably more stable materials Honigum-Light and Honigum-Mono reach the lowest viscosities in their material class. This means that, under shear stress, e.g. when the tray is being introduced into the mouth, Honigum flows very easily under the preparation margin and, by doing this, ensures perfect detail reproduction.

This quantum leap in the union of seemingly incompatible property profiles – extreme stability and extreme flowability – is not accomplished by any other material in this study.

*C. Luu, and C. Angeletakis, Kerr Corporation, Orange, CA, USA, Shear Thinning Behavior of Silicone Impression Materials, Poster#1849, IADR Honolulu, Hawaii, 2004.

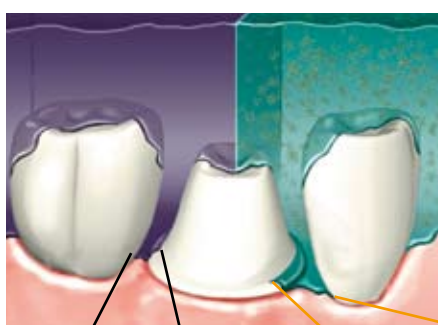
Perfect material properties

Next to the special rheology of Honigum there are several material properties worth mentioning.

A well-balanced hydrophilicity permits adaptation even to wet areas.

Its high tear strength ensures that at the time of removal finest details of the subgingival situation are not destroyed. Incomparable recovery after deformation prevent distortions and deformations. The optimal elasticity enables an easy and flawless removal from the mouth and the gypsum model.

The impressions can be disinfected with the usual disinfecting agents and can be poured as often as required.



Conventional impression materials are limited in flow into subgingival areas.



Honigum in contrast shows exceptional flow – so called «Directed Flow» – even into the finest crevices.



Honigum-MixStar Heavy



Transfer impression with Honigum-Heavy.



Honigum-Light
Honigum-Light Fast



Syringing the preparation with Honigum-Light.

Honigum-Heavy

Innovative pre-impression material with especially high final hardness.

Honigum-Heavy, especially developed for all two-phase techniques is characterized through its high final hardness – similar to putty.

Due to its excellent fixation impression, the Brånemark Center recommends it for implant impressions.

Honigum-Heavy is also available as fast setting material in the prefilled MixStar-cartridge.

New! Now also available in the commercially obtainable 50 ml safety cartridge.

Advantages

- Especially high hardness (similar shore A-hardness to putty)
- Continuously homogeneous and bubble-free material quality
- Very good fixation ability
- Direct tray dispensing
- Easy and clean handling
- Easy and safe removal from mouth
- Incomparable detail reproduction in combination with Honigum-Automix Light
- Available as normal or fast set



Indications

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

Honigum-Light

Innovative correction material with exceptional flow characteristics.

Honigum-Light, the wash material for correction and sandwich impressions, offers exceptional flowability and moisture displacement even in subgingival areas.

Thanks to the special «Directed Flow» technology Honigum-Light produces finest details even under less than ideal situations.

A perfect reproduction of the preparation is possible in every case. Honigum-Light is available in the Automix safety-cartridge (25 ml), which allows a very good visibility of the intra-oral situation.

New! Now also available in the commercially obtainable 50 ml safety cartridge.

For individual timing in the dental practice Honigum-Light is also available in a fast setting version.

Indications

Crown and bridge impressions as well as inlay and onlay impressions

Advantages

- Exceptionally steady on the tray
- Reproduces finest details
- Direct application
- Neutral taste and honey scent
- Well-balanced hydrophilicity
- High tear resistance
- Two safety-cartridges available: 25 ml and 50 ml
- Available as normal or fast set

Honigum-Heavy Fast

1:15 2:00

Honigum-Automix Heavy

2:00 3:15

Honigum-MixStar Heavy

2:15 3:15

Working time in min.

Setting time in the mouth in min.

Honigum-Light Fast

1:30 2:00

Honigum-Light

2:15 3:30

Working time in min.

Setting time in the mouth in min.



Honigum-Mono in the MixStar-cartridge.



Honigum-Mono in the Automix-cartridge.



Syringing the transfer caps with Honigum-Mono.

Honigum-Mono

The innovative monophase impression material based on addition-cured silicones.

Honigum-Mono is especially developed for the monophase technique – precise and safe results in one step.

Available in three different application systems.

Indications

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

Advantages

- Precision in one step
- Accurate reproduction of details even in subgingival areas
- Ensures exact reproduction of preparation margins
- Neutral taste and honey scent
- Snap-Set
- Very high dimensional stability and long shelf life

Advantages of the MixStar-cartridge

- The pre-filled MixStar-cartridge is suitable for the DMG MixStar and the 3M ESPE Pentamix
- Easy and clean handling
- Continuously homogeneous and bubble-free material quality
- Economic

Advantages of the Automix-cartridge

- Direct tray and intraoral dispensing
- Usual Automix-cartridge (50 ml)
- Automix safety-cartridge: Prevention of cross-contamination

Innovative pre-impression material for all two-phase impression techniques with especially high final hardness – available in two versions.

Innovative correction material with exceptional flow properties.

Honigum-Handmix Mono



Honigum-Automix Mono



Honigum-MixStar Mono



Working time in min.

Setting time in the mouth in min.

The innovative impression material for the monophase technique – precise and sure results in one step.



Honigum-Heavy



Package

- 1 Cartridge @ 390 ml
- 10 MixStar-Tips
Honigum-Heavy REF 909537
Honigum-Heavy Fast
REF 909638



Refill

- 5 Cartridges @ 390 ml
- 50 MixStar-Tips
Honigum-Heavy REF 909538
Honigum-Heavy Fast
REF 909637



Package

- 2 Cartridges @ 50 ml
- 4 Automix-Tips
Honigum-Heavy REF 909766
Honigum-Heavy Fast
REF 909838



Economy Pack

- 8 Cartridges @ 50 ml
- 16 Automix-Tips
Honigum-Heavy REF 909837
Honigum-Heavy Fast
REF 909839

Honigum-Light



Package

- 4 Cartridges @ 25 ml
- 16 Automix-Tips
- 16 Intraoral-Tips
Honigum-Light REF 909539
Honigum-Light Fast
REF 909639

- 2 Cartridges @ 50 ml
- 12 Automix-Tips
- 12 Intraoral-Tips
Honigum-Light REF 909831
Honigum-Light Fast
REF 909832



Economy Pack

- 16 Cartridges @ 25 ml
- 50 Automix-Tips
- 50 Intraoral-Tips
Honigum-Light REF 909690
Honigum-Light Fast
REF 909691

- 8 Cartridges @ 50 ml
- 50 Automix-Tips
- 50 Intraoral-Tips
Honigum-Light REF 909835
Honigum-Light Fast
REF 909836

Honigum-Mono



Package

- 1 Cartridges @ 390 ml
- 10 MixStar-Tips REF 909568



Economy Pack

- 5 Cartridges @ 390 ml
- 50 MixStar-Tips REF 909569



Package

- 2 Tubes @ 135 ml
- 1 Mixing pad
- 2 Tube keys REF 909551

Accessories

- 50 MixStar-Tips REF 909567
- 1 MixStar mixing unit 230 V int.
REF 900380
- 1 MixStar mixing unit 115 V int.
REF 900382
- 1 Bottle @ 10 ml Tray Adhesive
REF 909394

Honigum-Mono



Package

- 2 Cartridges @ 50 ml
- 4 Automix-Tips
- 4 Intraoral-Tips REF 909830



Economy Pack

- 8 Cartridges @ 50 ml
- 20 Automix-Tips
- 20 Intraoral-Tips REF 909834

Accessories

- 1 Automix-Dispenser Type 50 1:1
REF 909507
- 50 Automix-Tips Green 1:1
REF 909490
- 50 Intraoral-Tips for
Automix-Tips Green 1:1
REF 909400
- 1 Automix-Dispenser Type 25 1:1
REF 110253
- 50 Automix-Tips Yellow 1:1
REF 909200
- 50 Intraoral-Tips REF 909201