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PERIODENT

CompoBite SureBite

**Bite Registration Material
based on Composite**



**Technical Product Information
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S & C Polymer
Innovative Dental Materials in Highest Quality

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Product description



CompoBite and Surebite are an extremely hard and fast setting bite registration material based on multifunctional methacrylic esters.

With the AUTOMIX-cartridge CompoBite can be syringed directly onto the teeth.

The barely noticeable resistance during jaw occlusion guarantees a reliable bite registration of the occlusion.

CompoBite and Surebite are very suitable for cutting and contouring because of their extremely high final hardness.

Features and Benefits

Features:

- soft but sturdy consistency
- extreme high final hardness
- precise and distortion free registrations
- blue color

Benefits:

- does not flow into interproximal areas
- accurate bite registrations
- perfect readability, high contrast
- to be applied partial

CompoBite/SureBite - step-by step application

The soft but steady consistency and the short setting time of CompoBite results in a precise registration of the bite situation.

1.



2.



3.



4.

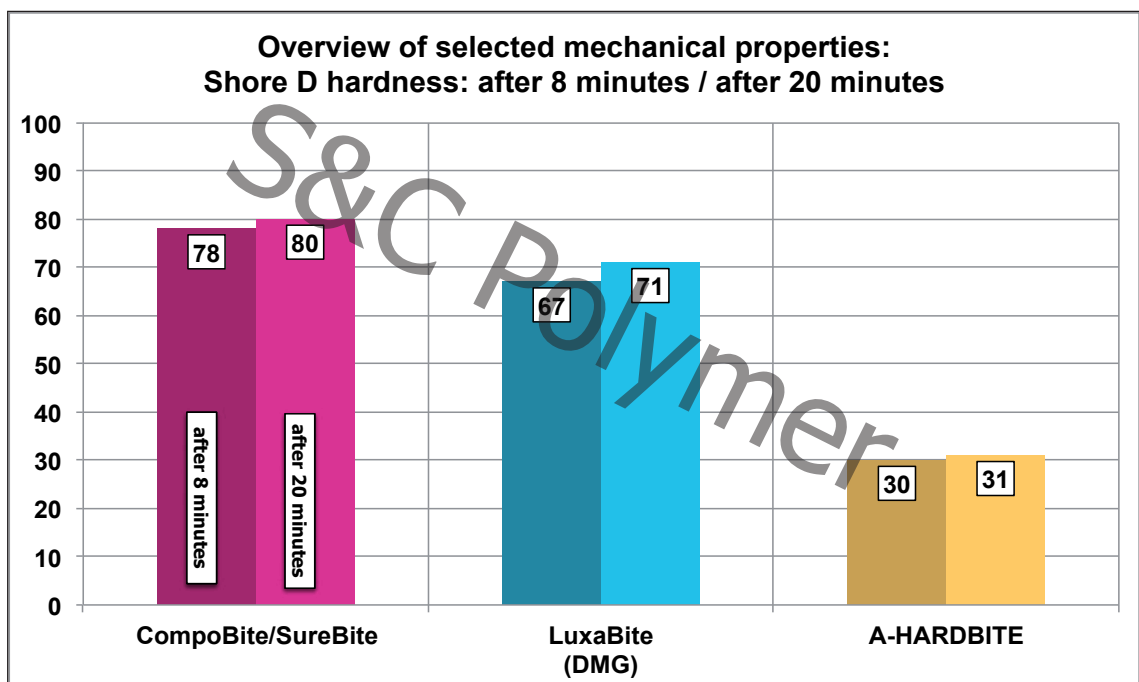
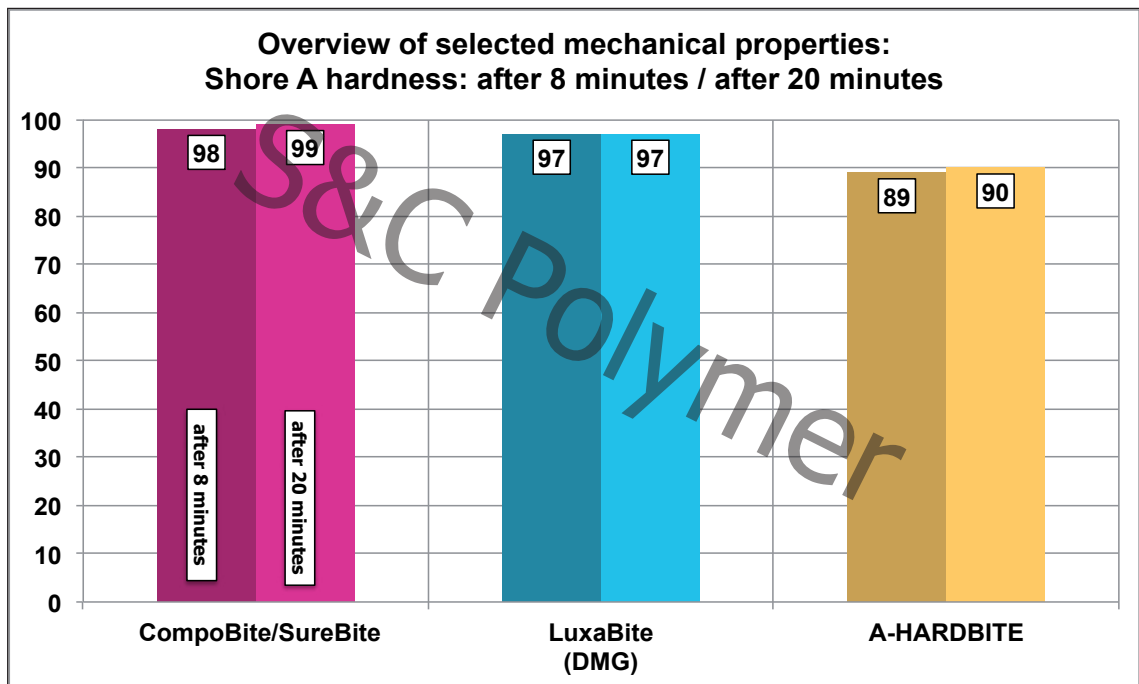


CompoBite/SureBite - comparison data

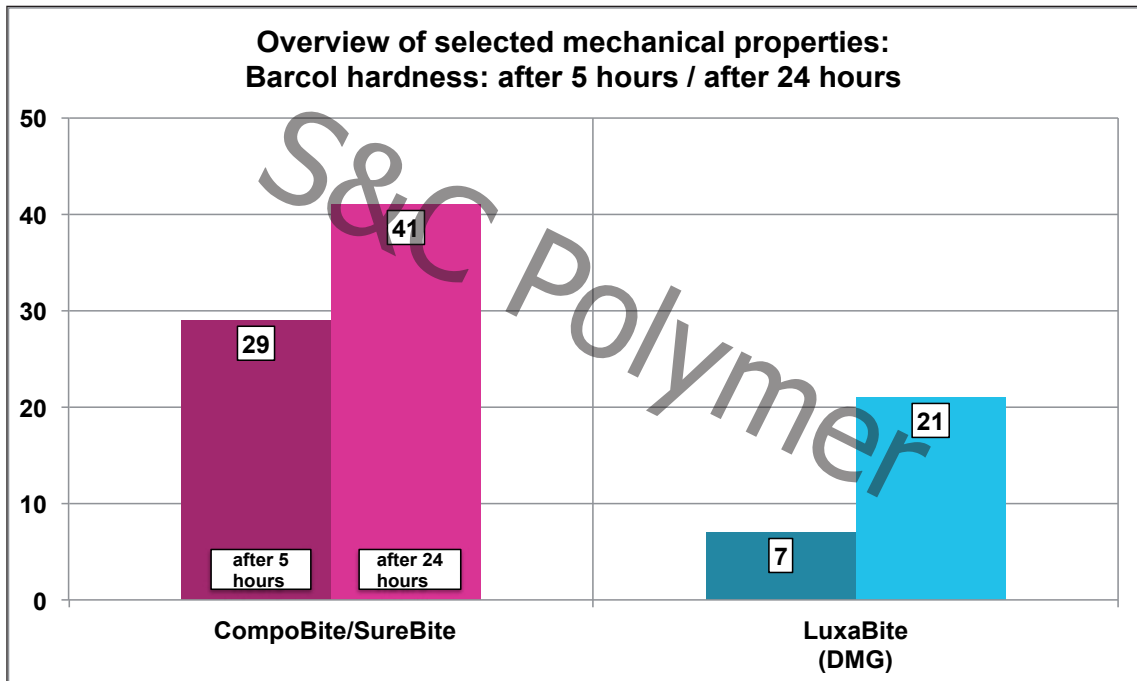
Hardness according to different methods

CompoBite and Surebite are the hardest bite material in the market. This is proved by 3 different methods (Shore A, Shore D and Barcol Hardness)

It is much harder than the hardest A-Silicone bite registration products (A-Hard-bite) and also harder than the only competitor Luxa Bite. This guarantees an optimal distortionfree registration of the bite situation.



CompoBite/SureBite - comparison data



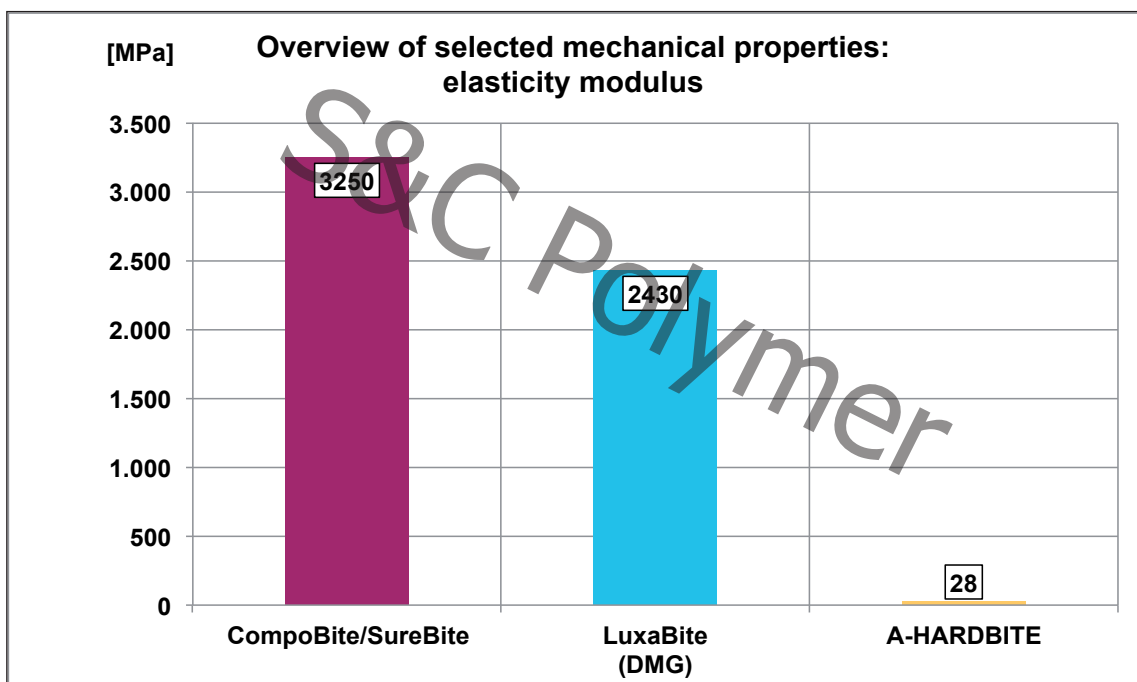
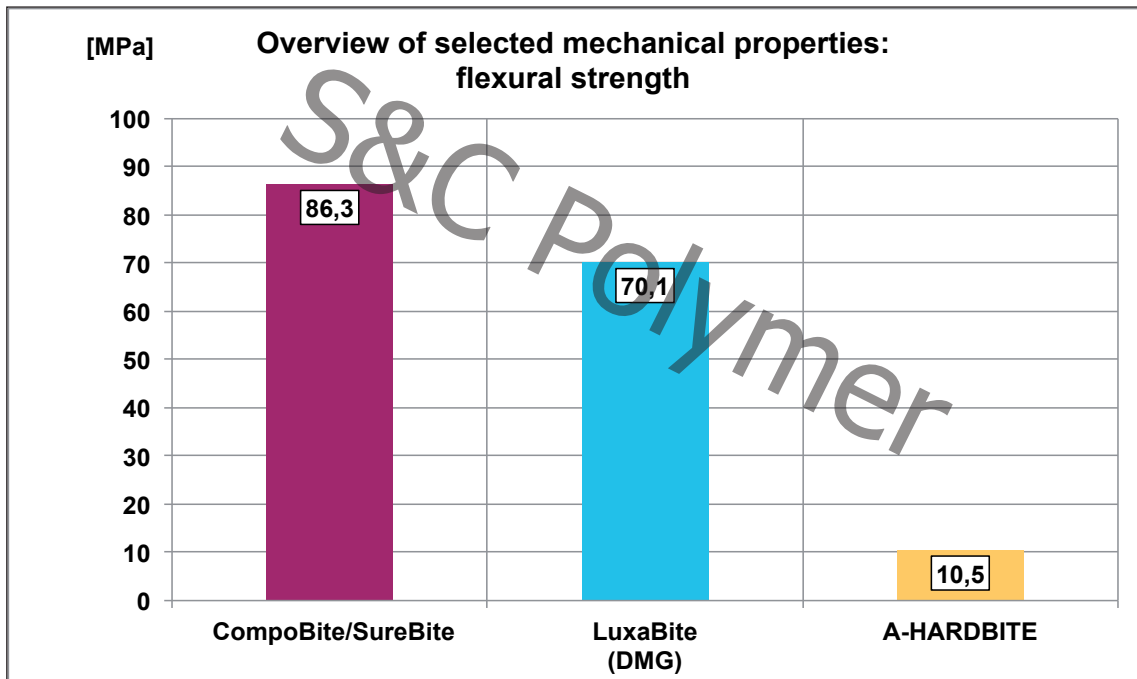
CompoBite/SureBite - comparison data

Flexural Strength and Elasticity

CompoBite and SureBite are also the most rigid bite material in the market. It has a much higher elasticity modulus than A-Silicone bite registration products (A-Hardbite) and also than the only competitor Luxa Bite. Higher elasticity modulus means a stiffer material.

Also the flexural strength is the highest, which means that there is no risk of break of bite impression.

This guarantees an optimal distortionfree registration of the bite situation, which is not possible with other products.



CompoBite/SureBite - physical data

	CompoBite/SureBite
mixing ratio	10:1
working time [min]	00:30
setting time [min]	01:30
rise in temperature during setting [°C]	3,9
Shore A hardness after 20 minutes	99
Shore D hardness after 20 minutes	80
Barcol hardness after 24 hours	41
flexural strength [MPa]	86,3
elasticity modulus [MPa]	3250
density, unpolymerised [g/cm³]	1,47

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This product information has been prepared by S&C research and evaluation labs.

The information shows test results of random lots of presented materials tested under same conditions. Data were determined by best knowledge and effort.

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