

Fresh hardness for optimal occlusion

DMG O-Bite



Regardless of the type of restoration, whether it is a single crown or three-unit bridge on a simple hinge articulator, or a complex reconstruction on a fully adjustable articulator, there is no question that an accurate registration of the occlusion is fundamental to the success of the case.

It is crucial for the technician to get a detailed picture of the patients' occlusal situation. The technician needs a registration of the positional relationship of the mandible in reference to the maxilla. This is done through accurate impression taking, which includes a detailed bite registration.

In modern day dentistry addition cured silicones have been widely used but there has been a demand for the medium to be harder and tough enough to accurately maintain the occlusal registration and withstand both reseating verification and laboratory transfer procedures. If the recording material is too resilient, there can be flexing and compression. The models might bounce during articulation and mounting procedures, introducing a source of inaccuracy that would later need to be corrected chairside at the insert appointment. This can result in costly extra chair time.

DMG can help you reduce chair time with the introduction of new O-Bite. It is a superior new bite registration material that provides you with exceptional accuracy, predictability and speed. Specifically developed to yield more stable and precise bite registrations, O-Bite's proprietary Poly Vinyl Siloxane formula offers a remarkable Shore A hardness of greater than 93 providing unrivalled stability and resistance to breakage. O-Bite is the ideal partner for perfectly fitting restorations. Spot grinding of the occlusal height is no longer necessary. Not only will you save time but also you will offer greater patient comfort.

High Final Hardness

With a Shore A hardness of >93, O-Bite is one of the hardest materials on the market. This is especially important for the repositioning of the bite registration between the models when placed in the articulator. If a softer material is used it can lead to flexing of the silicone, meaning that precise mounting is not ensured.

Not achieving the correct bite registration can result in an increase in occlusal

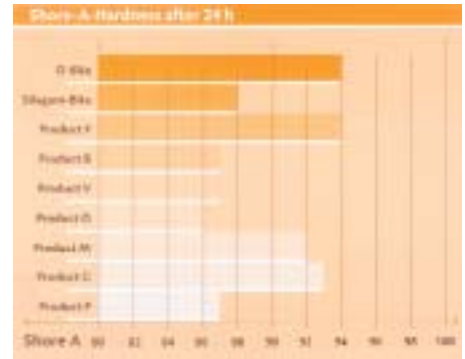
height of the restoration, which has to be reversed in a complex and time-consuming procedure. Direct seating of a restoration with an increased occlusal height can, among other things, cause significant temporal-mandibular joint discomfort. A hard bite registration like O-Bite from DMG therefore provides for a gnathologically optimal relation of the teeth to each other.

High Resistance to Breaking

Due to its consistent linking structure, O-Bite's vinyl silicone matrix, developed by DMG, provides the extraordinary combination of highest hardness and resistance to breaking.

The linking of the A-Silicone is achieved with silicone chains of the same length. When setting, a uniform, stable linking structure is formed. This prevents fractures that would have occurred if chains of varying lengths were used.

This provides security against fracture when removed from the mouth, trimmed, transported and when mounted on the model.



In Summary

Use DMG O-Bite from Gunz Dental with confidence for all types of bite registrations. O-Bite's superior accuracy helps to reduce or eliminate chairside occlusal adjustments to restorations, saving you time and ensuring greater comfort for your patients. O-Bite's exceptional stability even makes it possible to capture full jaw bow registrations.

Super-hard O-Bite occlusal registrations are dimensionally stable with the ability to withstand warm weather, storage, shipping, and cold disinfection.

The fresh fruity orange scent will be a winner with your patients! Modern day Einstein!



Setting of O-Bite.



Bite registration before removal.



Registration with face-bow fork.



Applied face-bow.

Features	Benefits	Patient Advantages	Physical Properties
High final hardness on the model	No compression or flexing when mounted	Short setting time - fast fixing bite situation	Working time - 0:50 Min Setting time in the mouth - 1:30 Min Shore A hardness (1 h) - >93 Dimensional stability - 0.1 %
High resistance to breaking	Long in time and handle without breaking	Threat-free consistency - stable, does not run	
Long working time	Safe application onto the entire maxillofacial work	Flow filler - no bite resistance, no grillings, no displacement	
Short setting time	Fast fixing bite situation	Color of lips orange - safe color contrast	
Can be cut with a scalpel	Fast removal of interfering restorations	Fresh fruity orange scent - better patient comfort	
Clear removal	Dimensionally stable even on hot days		