

When it comes to aligners, there are few things more important to your patients than strength and clarity. Strength for longevity and performance, and clarity for aesthetics. These are just a couple of the reasons why Zendura® is NorthStar's choice for invisible aligner material.

There are four key properties that make Zendura® stand out from the numerous other aligner materials. These are: stress retention, crack resistance, stain resistance, and clarity.

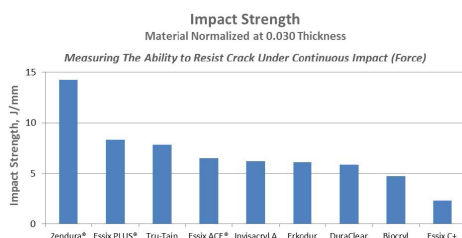
Stress Retention

Zendura® is constructed of a unique, resilient, medical-grade polyurethane (PU) resin developed specifically for aligner applications. By comparison, nearly all other aligner materials on the market are made of the cheaper, relatively weak resin polyester (PETG). Zendura® is designed to apply a lower amount of tooth pressure when it is first placed in the patient's mouth in order to reduce the discomfort the patient experiences initially. Following the initial seating, the retainer progressively reaches the optimum amount of pressure required to move the teeth precisely.



Crack Resistance

No one likes a cracked aligner. Thanks to Zendura's tough polymer backbone, it has become the benchmark for superior crack resistance. In an impact strength test conducted alongside other popular orthodontic materials, Zendura® was found to be nearly twice as strong as its closest competitors! Zendura® appliances have been used in retention and night guard applications for periods as long as three years, which is a tribute to its toughness.



Stain Resistance

Aligners are often exposed to oils, coffee, and other staining agents that may cause them to yellow, stain, and structurally deteriorate. To showcase the stain resistance properties of Zendura®, it was subjected to a stain resistance test alongside other popular orthodontic materials. After being submerged in yellow mustard and placed in a 37C (98.6F) oven for a period of 24 hours, Zendura® showed little change in the level of yellowing. The closest

competitor had over three times the yellowing of Zendura®!

Clarity

There is truly no competitor in the industry when it comes to the clarity of Zendura® material. Its high optical transmission and low staining tendencies make it look "crystal clear" in the mouth. Zendura® is the premier choice for patients seeking optimal aesthetics and superior performance.

How You Benefit

- Reduced breakage means less chair time and costs for impression and refit.
- Higher standard of performance leads to improved patient retention.
- Elevated patient satisfaction leads to higher referral rates.

Zendura®

To learn more about the benefits of Zendura material, please visit their website @ <http://www.zenduradental.com>

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