Zendura™

Clear Aligner & Retainer Material

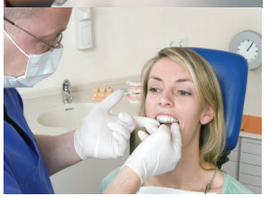
A New-Generation Material Developed by a Team of World Class Material Scientists to Meet the Ever-Changing Needs of the Orthodontic Profession

The New Standard in Performance and Aesthetics

Zendura is made from a special medical-grade polyurethane (PU) material, rather than the polyester (PETG) or acrylic resins typically used by other thermoforming material suppliers. Developed specially for aligner and retainer applications, Zendura is manufactured using proprietary processes to achieve the optimum balance of all the properties key to providing a superior performing aligner or retainer, including stress retention, crack resistance, clarity, and stain resistance.

Protects Patients' Investment

Improved In-House Productivity



Improved Patient Satisfaction

Patient Safety Assurance

Properties

Stress Retention — Stress retention is the propensity of the material to resist deformation throughout each treatment phase. Rigid polyurethanes combine high strength and ductility with low stress relaxation and practical toughness.

Crack Resistance — Zendura's special material formulation delivers superior crack resistance.

Clarity — Zendura material begins life and ends life with excellent clarity and color stability that creates the impression of "crystal clarity" in the oral cavity.

Easy Fabrication — The in-office fabrication of Zendura orthodontic appliances using pressure or vacuum thermoformers is fast and reliable. You can turn over the fabrication within hours and know every single time the appliance will have uniform thickness and quality and fit like a glove.

Safe Material — Zendura is BPA and phthalate free.

Compared with Zendura, other retainer and aligner thermoforming materials do not possess the same stress retention and crack resistance properties, so they do not perform nearly as well in aligning patient's teeth. Most also do not offer the same stain resistance properties. (See comparison chart on reverse side.)

Zendura™

Crack Resistance

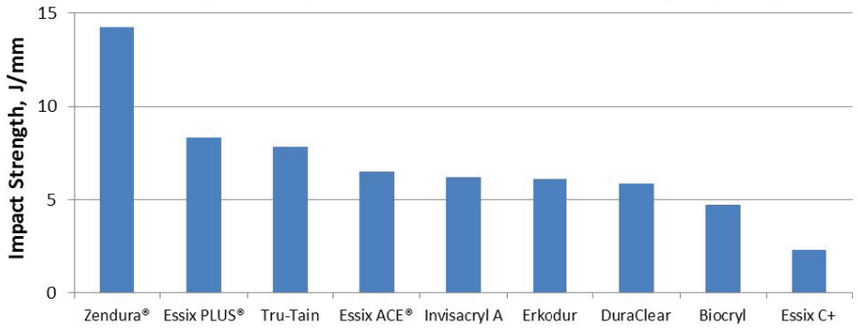
Having a tough and durable polymer backbone, Zendura boasts a reputation as the benchmark for teeth movement performance and crack resistance.

Zendura has been used in teeth movement and retention applications for periods as long as three years.

Impact Strength

Material Normalized at 0.030 Thickness

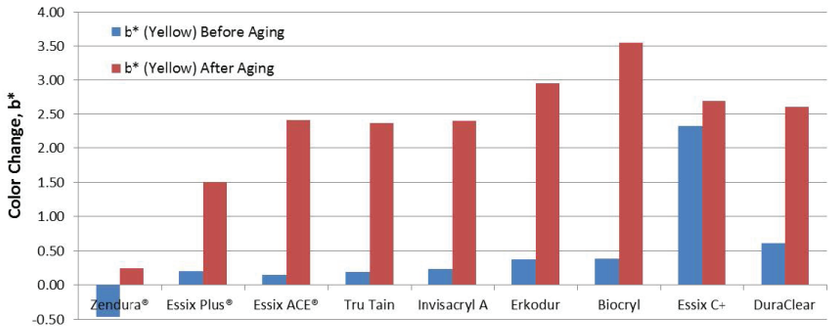
Measuring The Ability to Resist Crack Under Continuous Impact (Force)



Stain Resistance

CIELAB Yellow Color Index (b*) Before and After 24 Hour Immersion in Mustard at 37C

Measuring The Ability to Resist Staining After Extented Period of Exposure in Oral Cavity



Stain Resistance

Exposure to food and drinks can cause plastics to yellow, stain, and structurally deteriorate. Zendura has demonstrated resistance to staining for applications extending for long periods of time in the oral cavity.

Why Zendura?

Consider the actual cost you will have to spend on a retainer breakage case:

- Patent inconvenience and relapse
- Chair time for impressions and refit
- Technician's labor and cost

Frustrated by the lack of ideal fit, long-term durability, and cracking issues, as well as the aesthetic challenges most clear retainers present?

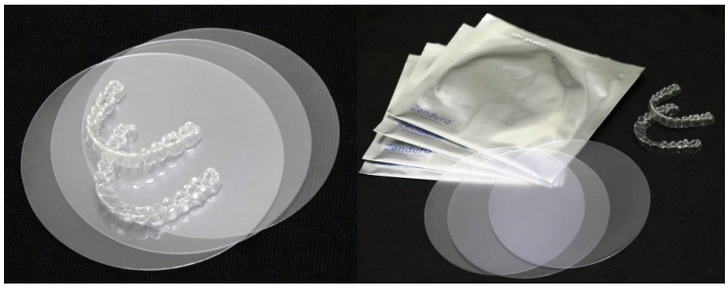
A superior material is able to resolve your frustrations and make breakage an exception rather than the norm!

"We have found the Zendura material to be the best we have seen in years. The strength and durability have been good and the fit has been excellent!"

Drs. Tony Harwell, Sr. & Anthony Harwell, Jr., D.D.S

"By far the best thermoplastic retainer material on the market. Tried a lot of other brands and Zendura is simply the best. It's easy to trim and polish, adapts well, and is way more durable, and breakages are quite rare."

Dr. Ahmed Mansour, D.D.S



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