

IPS e.max[®]

500 MPa



High Strength, High Esthetics, Proven Performance

Since its introduction, IPS e.max Lithium Disilicate has been relied upon for its high strength and high esthetics by the world's leading clinicians. Now, after 10 years of continuous quality testing, IPS e.max has demonstrated an average biaxial flexural strength of 500MPa*. With this proven record of strength, Ivoclar Vivadent now recommends **1mm** material thickness** for minimally invasive restorations when adhesively bonded.

The IPS e.max you know, but better!

- **Minimally invasive preparation**
- **New translucency options**
- **500 MPa for maximum confidence**

For your next case choose the most trusted, most prescribed all ceramic in the world, make it e.max...because better matters.

e.max is even better!

ivoclarvivadent.com

**1mm material thickness suitable with adhesive cementation only.
* Ivoclar Vivadent data on file.

For more information, call us at 1-800-533-6825 in the U.S., 1-800-263-8182 in Canada.
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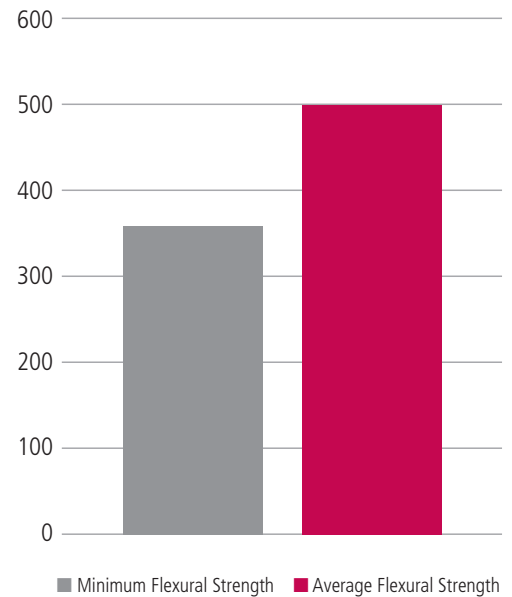
The IPS e.max® you know, but better!

Ivoclar Vivadent is committed to quality at every step of the manufacturing process of IPS e.max Lithium Disilicate. As part of that commitment, we test each batch of material produced for a wide range of attributes to ensure that they meet our high standards. IPS e.max Lithium Disilicate has been stated to have a minimum design specification biaxial flexural strength of 360MPa. Nothing we make will fall below this value. After over 10 years and thousands of batches produced and tested, those values are changing.

Minimum strength values are important to know but are rarely communicated by other companies. Ivoclar Vivadent has been conservative when reporting flexural strength data to the market, but the reality is that after over 10 years of continuous quality testing, IPS e.max Lithium Disilicate produces an average **biaxial flexural strength of 500MPa**.

These values help to validate the product's phenomenal success rates over the last decade. It also lends to the ability to do more conservative dentistry which benefits laboratories, dentists and patients. Because of these proven strength values, Ivoclar Vivadent is now recommending as little as 1.0mm material thickness for IPS e.max minimally invasive restorations when adhesively cemented.

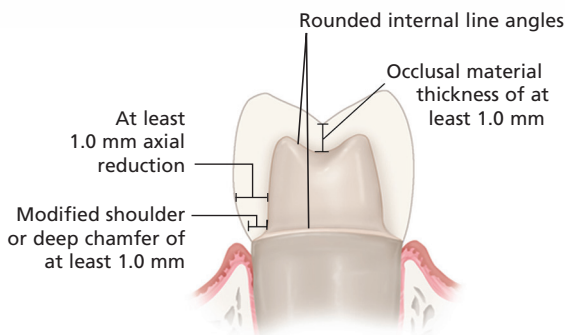
IPS e.max® Lithium Disilicate Biaxial Flexural Strength Values



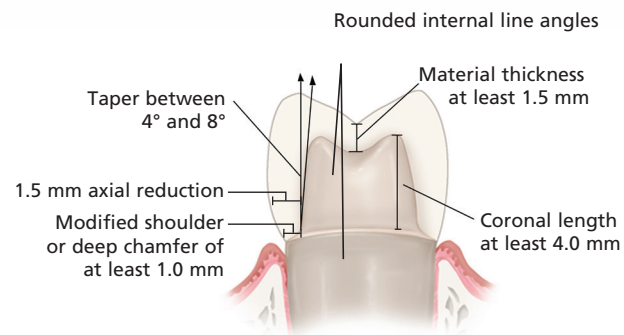
New Preparation Recommendations for IPS e.max Lithium Disilicate

Full-Coverage Posterior Crown Preparation

NEW Adhesive Cementation Preparation



Conventional Cementation Preparation



When layered or pressed ceramic margins are preferred in conjunction with a zirconia framework, enhanced gingival esthetics can be achieved with a definitive 90 degree shoulder preparation.

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