

## Caruso Dental Laboratory, Inc. Product Guide: All Ceramics

Points of Comparison	IPS eMax®	Layered Zirconia	Full Contour Zirconia	Anterior Zirconia
<b>Ideal Applications</b>	When esthetics and superior fit are primary objective	When esthetics and superior fit are primary objective	Bruxers, grinders, and implant cases	When price is main consideration, but esthetics and strength must be maintained
<b>Primary Applications</b>	Single Crowns & Cantilever 3-unit Bridges Maryland Bridges (call for details)	Single Crowns—Posterior & Anterior  Bridges spanning up to 98mm with no more than 2 pontics in a row	Full crowns Bridges up to 6 units	Single Crowns Posterior & Anterior <b>Please include stump shade.</b>
<b>Preparation Requirements</b>	Shoulder margin design 1.0mm min. at the margin 1.5—2mm reduction at incisal, facial lingual Feather-edge margins accepted	Shoulder margin design preferred for optimal fit 1.0mm min. at the margin 1.5—2mm reduction at incisal, facial lingual	Chamfer margins for optimal fit	Chamfer margins for optimal fit
<b>Cementation Guidelines</b>	Conventional cementation or Adhesive bonding with dual cure bonding agent	Conventional cementation or Adhesive bonding with dual cure bonding agent	Conventional cementation	Conventional cementation
<b>Flexural Strength</b>	When bonded, same as natural dentition	1250 Mpa	900 Mpa	650 Mpa
<b>Enamel Wear</b>	Comparable to natural enamel	Comparable to natural enamel	Enamel “wear friendly”	Enamel “wear friendly”
<b>Restoration Composition</b>	Lithium disilicate core	YZ Zirconia core with layered porcelain	Y-TZP Zirconia	Y-TZP Zirconia
<b>Clinical Success</b>	4 Years	5 Years	N/A	N/A

### Additional Services

- Custom shade room
- In office consultations
- Seminars
- NFDH - Donated Dental Services Program
- Member of NADL
- Certified Nobel Esthetics Dental Laboratory

## Caruso Dental Laboratory, Inc. Product Guide: PFM and Full Cast

Points of Comparison	PFM's	Full-cast
<b>Ideal Applications</b>	Traditional porcelain fused to metal when strength is a factor, space metal lingual, or metal occlusal. Different gold types available.	When not enough occlusal clearance for porcelain.
<b>Primary Applications</b>	Single Crowns & Cantilever Long Span Bridges	Molars Singles Bridges Inlays Onlays
<b>Preparation Requirements</b>	Any margin design Traditional 1.5—2.0mm axial wall, incisal, occlusal Porcelain shoulder design if needed for porcelain margins	Any margin design .6 mm min. reduction all around
<b>Cementation Guidelines</b>	Standard cementation with any cement	Conventional cementation
<b>Flexural Strength</b>	Yield Strength: 540 Tensile Strength: 800	Yield Strength: 310—540 Tensile Strength: 485—800
<b>Enamel Wear</b>	Enamel "wear friendly"	Comparable to natural enamel
<b>Restoration Composition</b>	High Nobel Nobel Non-Precious	High Nobel Nobel Non-Precious
<b>Clinical Success</b>	40+ Years	40+ Years

### Your Implant Experts

Caruso Dental Laboratory, Inc. is your implant expert. We can partner with you on any type of implant case. We enthusiastically help with pricing, case design, parts selection, and much more. It's like having your own in house lab!