

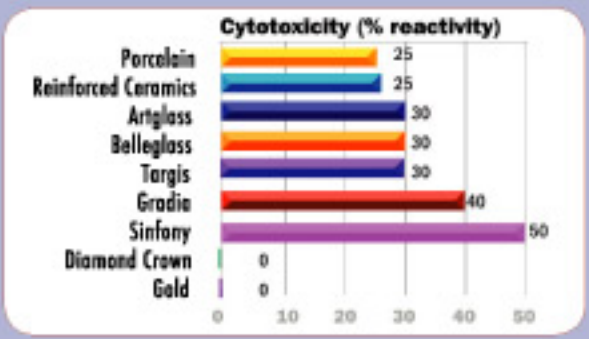
DiamondCrown
3 Single Unit Anterior Crowns on Model



7 yrs Post Op. - Superb Aesthetic
Vitality and Tissue Compatibility.
Note: Lack of Plaque Adhesion and
Excellent Gingival Tissue Response

Advantages of using DiamondCrown for Indirect Applications:

- PolyCrystalline PEX Matrix, Masticatory Cyclic Fatigue Resistant, High Fracture Toughness
- NanoCeram reinforcing phase, Oligomer particulate interface, Shock Absorbing, Ultimate Wear resistance
- Breakthrough metal-coupling chemistry produces Stable Bond to Nickel, Chrome, Gold, Zirconium, Titanium & Non-Precious Alloys
- Unique Polymer makes DiamondCrown Easy to Augment Intraorally due to Bond Strength of 27MPa
- DiamondCrown's shock absorbing, tough, ductile nature dissipates chewing energy allowing for Accelerated Osseointegration
- DiamondCrown PEX Matrix dissipates masticatory energy, a damping-like effect, which allows for the Immediate Loading of Implant Crowns.
- Unique particulate morphology, Ultimate Reinforcement and Handling Characteristics
- Thixotropy (shape-memory, anti-slumping properties) Easy to Model, Curve, Shape and Anatomically Contour
- High Purity Catalysis, Superb Color Stability and Accurate Shade Match
- Super-Hydrophobic Character, absence of solubility & negligible sorption, providing for Ultimate Longevity
- Very low shrinkage (0.2 linear compared to 17% for regular porcelain) guarantees Excellent Marginal Fit.
- Crystalline Matrix allows for key advantages, including:
 - Toughness and Low Shrinkage
 - Refractive Index, Chameleon-like Effect
 - Specular Reflectance, Gloss & Luster Value
 - Wear Resistance similar to Natural Teeth
 - Biocompatible and non-Cytotoxic



Comparative analysis charts denote brand names that are sole registered trademarks of the corresponding Manufacturers. © 2005



For More information call DRM RESEARCH LABORATORIES, INC.,
TEL: (203)488-5555, TOLL FREE: (888)DRM-BOND [376-2663], FAX: (203)488-2821
E-mail drmbond@drmco.com or visit our website www.drmco.com
P.O. Box 408, Branford, Connecticut 06405 USA

