AWESOME!
PINK LITHIUM DISILICATE

AWESOME!™ PINK LITHIUM DISILICATE BLOCKS FOR CEREC

High Quality Ceramic Restorations at Lower Cost

Awesome! Pink Lithium Disilicate CAD blocks are indicated for anterior and posterior crowns, inlays, onlays, bridges, and veneers. The material provides translucency for esthetics, which mimics the accurate color of natural teeth. The CAD blocks are available in both C14 and B40 sizes at lower cost than comparable glass ceramic and zirconia blocks without sacrificing material quality and strength. The finished restorations allow for fast processing time for simple, single-visit dental treatment when in-office milling is performed. Restorations can be placed using conventional cementation or adhesive bonded cementation, which allows for clinical versatility. The restorations can be luted to stock or custom implant abutments for screw-retained restoration fabrication or luted intraorally, as with natural teeth, for cemented implant restorations.

Awesome! Pink Lithium Disilicate is available in three translucences (HT, MT, and LT) for various clinical applications.

- **HT (High Translucency)**: Used for thin veneers or cases where a very natural, light-transmitting appearance is desired, and the underlying tooth shade matches the desired final shade of the restoration. Available in shades A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, D2, D3 BL1, BL2, BL3, and BL4.
- **MT (Medium Translucency)**: A balance between HT and LT, it is ideal for situations requiring a moderate level of translucency, often used for anterior crowns when a natural look is desired without compromising strength or when a minimal shade change is desired to the underlying tooth structure. Available in shades BL1, BL2, BL3, and BL4.
- **LT (Low Translucency)**: Best suited for restorations where the underlying tooth shade needs to be changed to match adjacent teeth or situations when more opacity is needed. This translucency level is recommended when treating darker teeth or when masking underlying metal post/cores. Available in shades A1, A2, A3, A3.5, A4, B1, B2, C1, C2, D2, D3, BL1, BL2, BL3, and BL4.

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Lithium Disilicate is a popular ceramic material utilized for CAD/CAM dental restorations. It is known for its excellent aesthetic properties, strength, and durability. The Awesome! Lithium Disilicate blocks deliver these excellent attributes:

Flexural Strength	360-400 MPa	High flexural strength ensuring restoration longevity and durability.
Fracture Toughness	2.5-3.0 $MPa \cdot m^{1}/^{2}$	Resistance to crack propagation and fracture under stress during occlusal loading.
Translucency (Vita Scale)	40-50% (Average)	Aesthetic quality with natural light transmission that is similar to natural teeth.
Compressive Strength	500-700 MPa	Excellent compressive force resistance, ideal for high-stress areas in the mouth or patients who clench.
Elastic Modulus	80-90 GPa	High stiffness with resistance to deformation.
CTE (Coefficient of Thermal Expansion)	9-10 x 10^{-6} /°C	Compatible with common dental substrates such as zirconia and cast or milled metals.
Vickers Hardness	500-600 HV	High hardness with good wear resistance and durability.
Workability	CAD/CAM optimized	CAD/CAM optimized for easy milling with most CAD/CAM systems, which allows for fast sintering and minimal shrinkage.
Thermal Stability	High	Stable under the thermal cycling of the mouth.
Sintering Time	16-20 minutes	Rapid sintering for faster production time in CAD/CAM workflows.

Restorations

Restoration of very dark teeth in the maxillary anterior with crowns fabricated from Awesome! Pink Lithium Disilicate. These crowns block the underlying dark tooth shade and blend with bilateral crowns in the posterior maxilla.

Example of Awesome! Pink Lithium Disilicate restorations *(onlay on left and crown on right)* after finishing and ready for placement intraorally. *(Right)*

Posterior Crowns

The patient presented needing crowns on several posterior teeth.

Preparation of the 1st molar and 2nd premolar following placement of retraction cord in preparation for intraoral scanning. *(Left)*

The Awesome! Pink Lithium Disilicate restorations following milling. *(Below)*

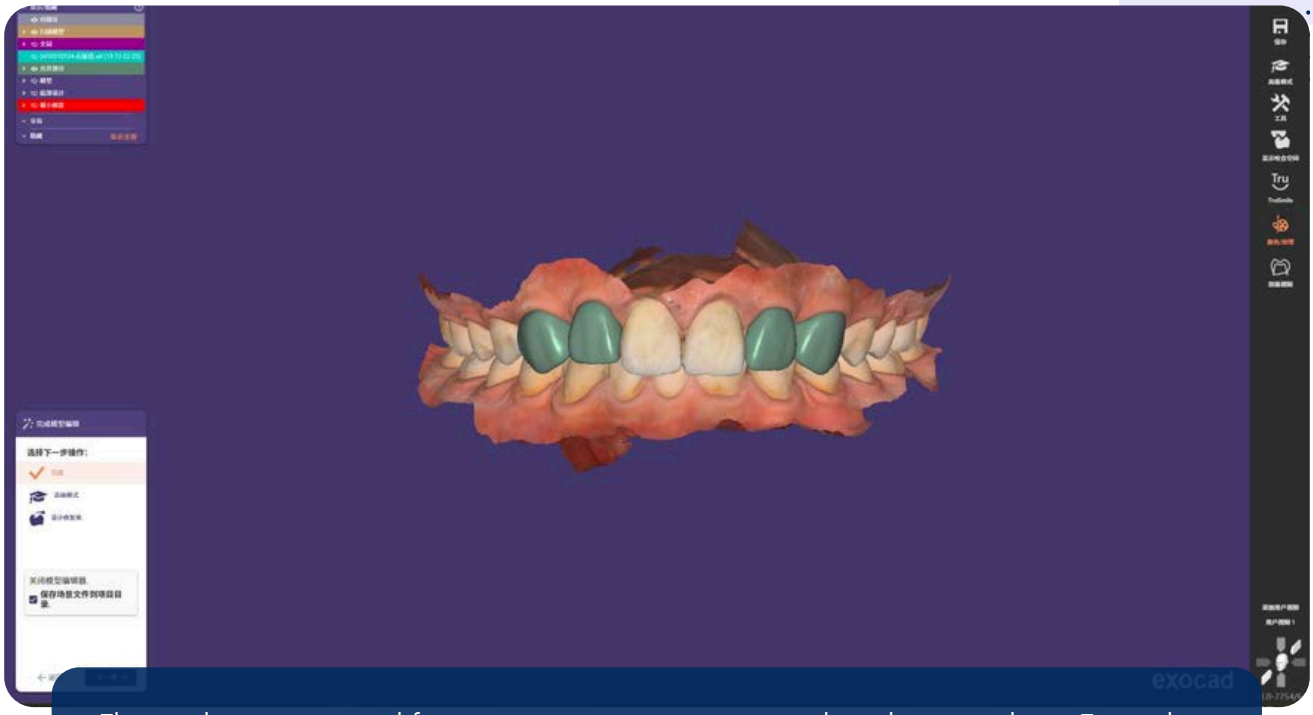
The bonded Awesome! Pink Lithium Disilicate restorations result in natural aesthetic restorations. *(Right)*

The Awesome! Pink Lithium Disilicate restorations after finishing and glazing. *(Below)*

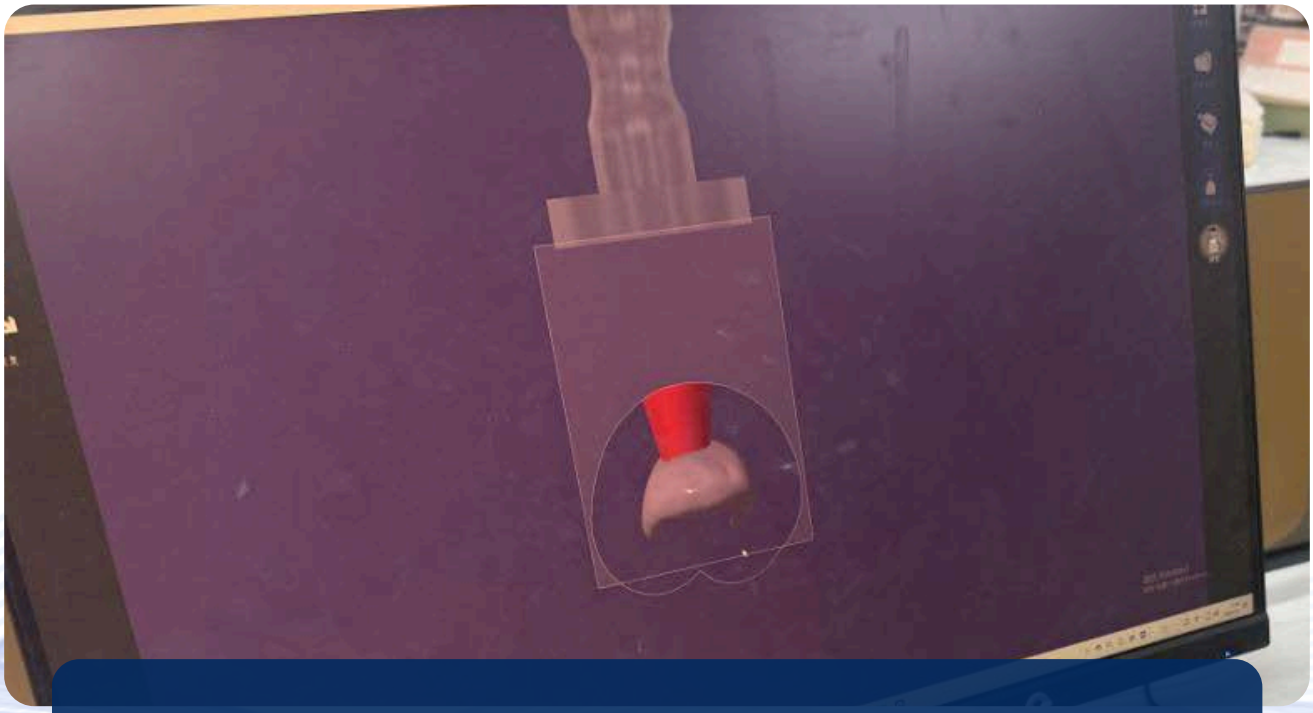
A Challenging Veneer Case

Dissatisfied with the aesthetics of her smile, the patient presented, indicating that the lateral incisors were tipped in and had a gap between them and the canines, which were also darker and rotated. Treatment recommended was ceramic veneers to better blend with the central incisors, eliminate the diastemas, and achieve a better shade blend.

The anterior aesthetic issues that prompted the patient's presentation included the diastemas between the canines and laterals, the shape of the laterals, the rotated canines, and the shade of the canines.

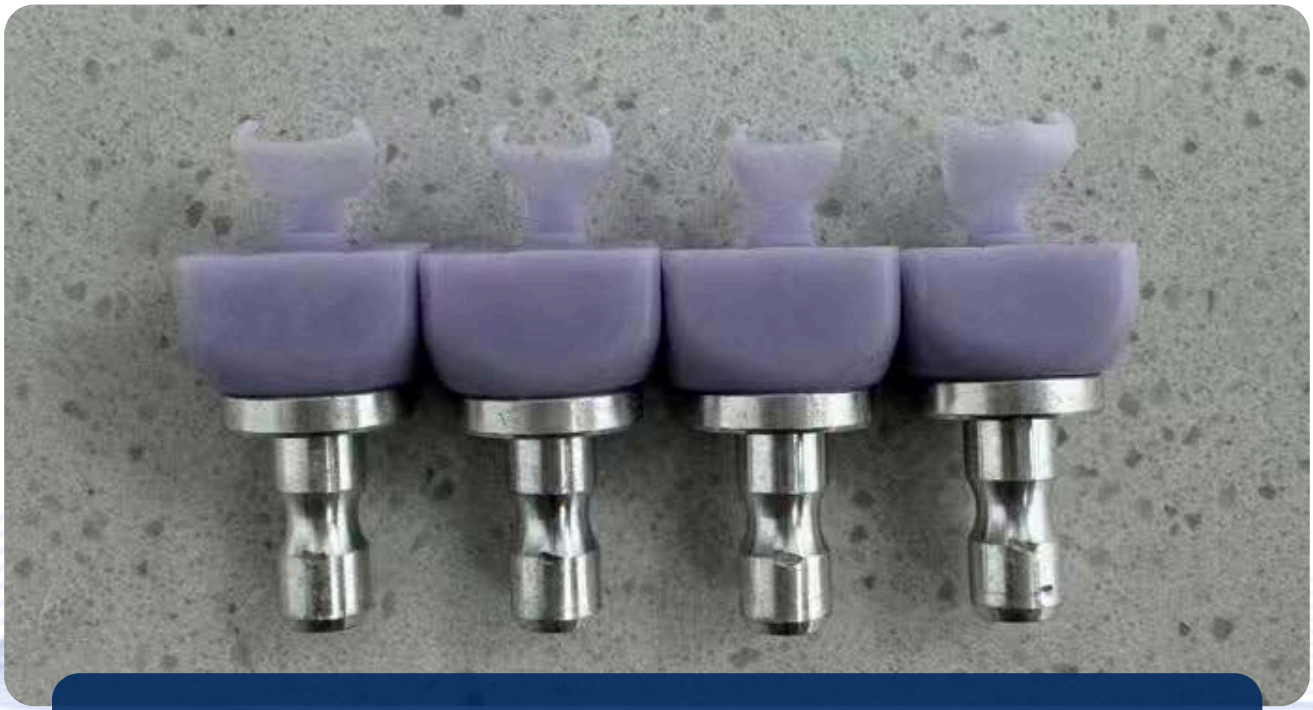


The teeth were scanned for a no prep treatment approach and imported into Exocad in which virtual veneers were designed for the lateral and canines bilaterally.



The virtual veneers were set up in the software in preparation for milling.

The veneers were CAD/CAM milled using HT Awesome Pink blocks in shade A2.



After CAD/CAM milling, the veneers are ready for sintering and finishing.

The milled veneers were separated from the blocks and contoured with a diamond disk.

The Awesome Pink milled veneers after sintering.

Customized staining was applied to the veneers, followed by a glaze.

The finished and glazed veneers are ready for intraoral placement.

The bonded Awesome! Pink Lithium Disilicate veneers on the lateral incisors and canines result in improved aesthetics and fulfill the patient's expressed clinical desires.

Contact your DHP Account Manager at 800.626.2163 or visit dhpsupply.com to Order Today!