

**NEW**

# Rodin™ SCULPTURE



Zirconia Nanohybrid Resin



Rodin™ Sculpture 2.0 is the next monumental evolution of Pac-Dent's crown and bridge material. This zirconia-infused nanohybrid has been engineered to transcend the standards of permanent dental restorations. This next-generation resin achieves previously unseen levels of flexural strength and ceramic filler content, redefining what can be achieved through 3D printed restorations.

## FEATURES & BENEFITS



Improved Strength



Improved Ceramic Filler Content



Improved Aesthetics



ADA Code D2740 Insurance Qualified



Highest Fracture & Wear Resistance



Matches Color of Dentition

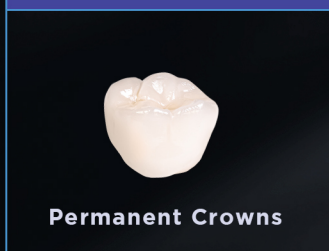


Optimal Translucency

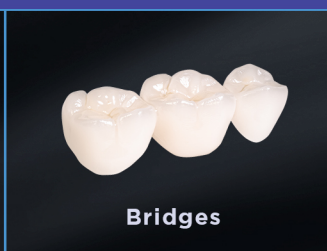


FDA 510K Cleared & Biocompatible

## APPLICATIONS



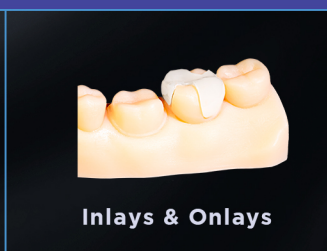
Permanent Crowns



Bridges



Implants



Inlays & Onlays

### Rodin Sculpture 2.0

- For temporary and permanent fixed restorations
- Improved Strength: Rodin™ Sculpture 2.0 boasts an impressive Biaxial Flexural Strength of 200 MPa
- Sculpture 2.0 now consists of over 60% ceramic filler content, providing a substantial increase in strength and superior X-ray radiopacity
- Class II Zirconia-Infused Ceramic Nanohybrid

### Rodin Sculpture

- For single crowns, inlays, onlays, and veneers, denture tooth arches, all-on-x provisionals
- Rodin™ Sculpture features a Biaxial Flexural Strength of 175 MPa, and a Flexural Modulus of 8800
- Rodin Sculpture consists of over 50% ceramic filler content
- Class II Ceramic Nanohybrid

### Rodin Titan

- For high impact prosthetic indications: (All on Xs, screw retained dentures, full arch denture teeth)
- Improved Flexibility: Rodin™ Titan features a significantly reduced flexural modulus, providing exceptionally high impact strength
- Rodin Titan features analogous ceramic filler content to Rodin Sculpture
- Class II Ceramic Nanohybrid

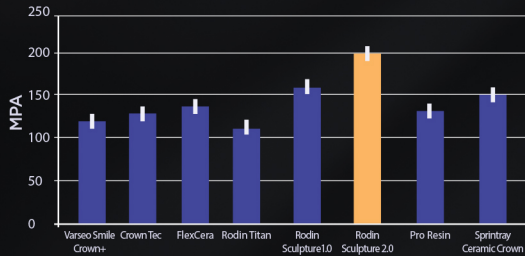


# Rodin™ SCULPTURE

## Zirconia Nanohybrid Resin

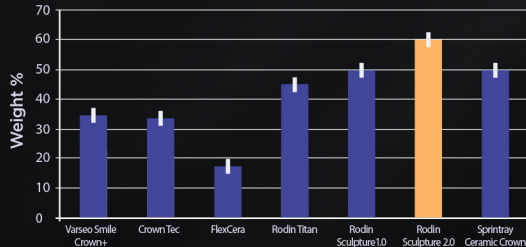


Biaxial Flexural Strength of Printed Tooth Materials After Aging\*



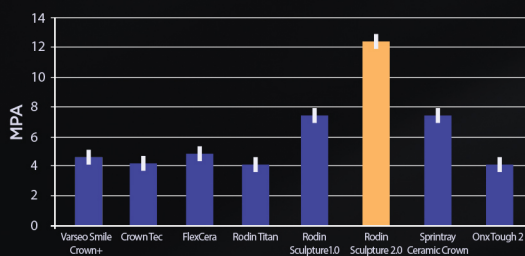
The high biaxial flexural strength value of Sculpture 2.0 indicates high resistance to breakage over time

Weight % Content of Permanent Tooth Materials\*



The high percentage of ceramic filler content in Sculpture 2.0 ensures maximum wear resistance and durability

Flexural Modulus of Permanent Tooth Materials\*



The high flexural modulus value of Sculpture 2.0 indicates resistance to distortion, maintaining accuracy of fit

Order Information			
Shades	1.2 kg Bottle	600 g Bottle	300 g Bottle
OM1	23870	23888	23906
OM3	23869	23887	23905
A1	23875	23893	23911
A2	23876	23894	23912
A3	23877	23895	23913
A3.5	23878	23896	23914
A4	23879	23897	23915
B1	23871	23889	23907
B2	23872	23890	23908
B3	23873	23891	23909
B4	23874	23892	23910
C1	23880	23898	23916
C2	23881	23899	23917
C3	23882	23900	23918
C4	23883	23901	23919
D2	23884	23902	23920
D3	23885	23903	23921
D4	23886	23904	23922

\*Third party validation data provided by Dr. Russell Giordano of Boston University



“Analysis of Rodin Sculpture reveals a highly filled printable resin with good mechanical properties that actually meets the ADA criteria for classification as a ceramic restorative material. Nearly all other printable materials marketed as permanent restorations do not meet this standard.”

- Dr. Russell Giordano II, D.M.D., D.M.Sc. FADM, FADI, CAGS

COMPATIBLE PRINTERS: Pac-Dent has validated Rodin 3D Resin™ in workflows with these select printers.



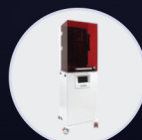
Ackuretta SOL



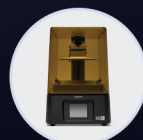
Asiga® MAX (385 nm)



Asiga® Pico 2 (385 nm)



Asiga® Pro 4K (385 nm)



Phrozen Sonic® Mini 4K



Shining 3D AccuFab-L4K



Shining 3D AccuFab-L4D



And More Coming Soon