



**DENTAL APPLICATIONS**  
MOVINGLight® Technology  
Liquid Resin 3D Printers

**PRODWAYS**  
MACHINES



## PLASTCURE Dental Tray

A revolutionary new material  
for the industrial production of  
Custom Trays



**CUSTOM FIT  
WITH HIGH  
PRECISION**



**MEDICAL  
DEVICE CLASS I  
CERTIFICATION**



**FAST PRINTING  
& CURING**

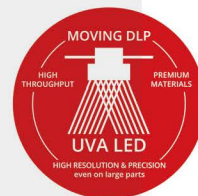


**ENHANCED  
RIGIDITY FOR  
STABILITY**



**SMOOTH, EASY  
TO HANDLE  
SURFACE**

[www.prodways.com](http://www.prodways.com)



### TAILORED PRECISION FOR CUSTOM TRAYS

PLASTCURE DENTRAL TRAY delivers highly precise custom trays, ensuring each tray perfectly fits individual patient needs. This precision improves the accuracy of dental impressions, supporting superior clinical outcomes.



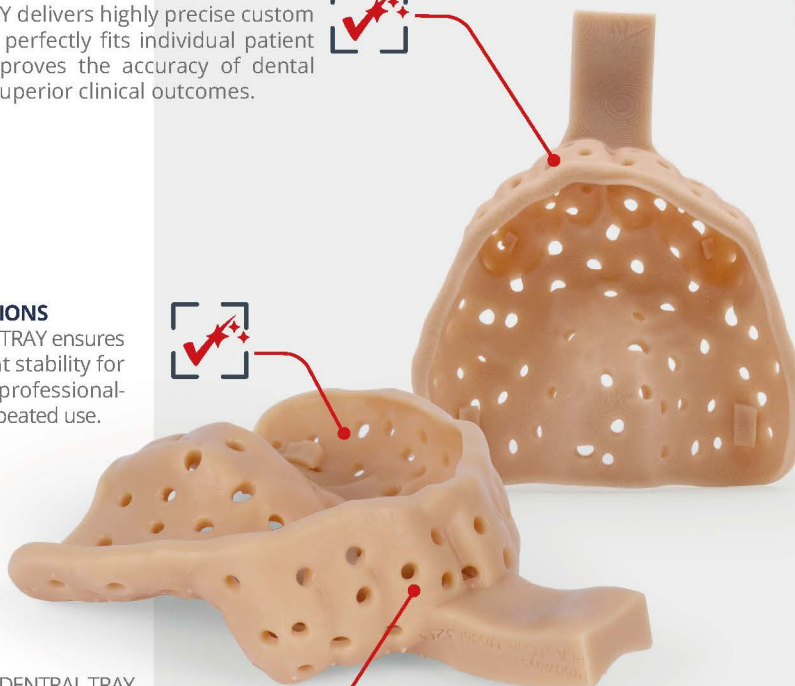
### DURABLE AND RIGID FOR RELIABLE IMPRESSIONS

The enhanced rigidity of PLASTCURE DENTRAL TRAY ensures trays maintain their shape, offering excellent stability for impression-taking. This durability results in professional-grade, long-lasting custom trays suitable for repeated use.



### FAST PRODUCTION WITH SUPERIOR FINISH

Designed for efficient production, PLASTCURE DENTRAL TRAY enables quick printing and curing on DENTA PRO 3D printers. The resulting trays feature a smooth, patient-friendly surface, reducing turnaround time while maintaining high-quality standards.



## PLASTCURE Dental Tray Key Features

SPECIFICATIONS	PLASTCURE Dental Tray
✓ <b>Compatible with</b>	DENTAL PRO 3D Printers
🍷 <b>Appearance</b>	Beige opaque
⚙️ <b>Specification</b>	<ul style="list-style-type: none"> <li>· High accuracy and excellent resolution</li> <li>· Ability to produce sharp edges and detailed parts</li> <li>· High green strength and good mechanical properties</li> </ul>
🧪 <b>Liquid density (g/cm<sup>3</sup>)</b>	1,11
💧 <b>Viscosity @ 28°C (cps)</b>	350 - 550
🏠 <b>Hardness (Shore D)</b>	85 - 90
📏 <b>Tensile Modulus (MPa) ASTM D638</b>	2800 - 3100
📏 <b>Tensile Strength (MPa) ASTM D638</b>	72 - 76
📏 <b>Elongation at Break (%) ASTM D638</b>	5 - 7
📏 <b>Flexural Strength (MPa) ASTM D790</b>	110 - 120
📏 <b>Flexural Modulus (MPa) ASTM D790</b>	2300 - 2600
✓ <b>Izod Impact (J/m) ASTM D256A</b>	N/A
✓ <b>HDT @ 0.46 MPa (°C) ASTM D648</b>	70 - 80
🚰 <b>Water Absorption (%) ASTM D570</b>	0,6 - 0,8
✓ <b>By</b>	Prodways Materials

\* Please note that this data is contingent upon factors including but not limited to part geometry, build style, and material. Variations in these elements may affect outcomes

\*\* All technical characteristics, specifications, and data provided in this document are non-binding and subject to individual use cases and environmental conditions. Performance and results may vary based on these factors