

Part Number

PN80001 V-01

Description

Structomer[®] Permanent Crown & Bridge is a high-performance, light-curable resin engineered for the precise 3D printing of long-term dental restorations. Designed for both chairside and laboratory workflows, it enables the efficient production of crowns, bridges, inlays, onlays, veneers, and denture teeth with excellent accuracy and consistency. Combining strength, flexibility, and wear resistance, it delivers durable restorations while maintaining easy finishing and trimming for an optimized workflow.


Specifications

Mechanical properties	Standards	Value
Tensile Strength (MPa)	ASTM: D638	85 -90
Elongation (%)		4 – 6.5
Hardness D	ASTM: D2240	90 - 96
Flexural strength (MPa)	ASTM: D790	180 - 208
Flexural Modulus (MPa)		7000 - 8800
Liquid Properties		
Viscosity (25°C) mPaSec	GB/T 4472	500 - 900
Density (g/cm ³)	GB/T 22235	1.6 - 1.7
Color	-	Off-White

Material properties may vary based on part geometry, print orientation, print settings and post curing temperature used.

Contact Customer Support for more information:

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