

DC12

Crown, Bridge, Partial Framework

Dental Cast DC12 is a printable wax-like photopolymer specially developed for investment casting. DC12 is the ideal resin choice for dental applications such as crown and bridge casting and cast partial dentures frameworks. DC12 burns out clean and can also be used in pressed ceramic applications.

→ Low deformation, clean burnout outcome



■ Physical Properties – Liquid Status

Color	Green
Viscosity @25°C cps	128
Wavelength	405nm

■ Mechanical Properties – Post Cured Parts

Property	Value	Test Method
Hardness Shore D	83	ISO 868
Tensile Modulus MPa	1693	ISO 527
Tensile Strength MPa	40	ISO 527
Elongation at break %	2.8	ISO 527
Flexural Modulus MPa	1469	ISO 178
Flexural Strength MPa	20	ISO 178

Post Processing	Value
Cleaning time with 95% ethanol	Basic Ultrasonic: 60s + Fine Ultrasonic: 10s
Recommended curing time	Fabcure 1: 4 mins, Fabcure 2: 3 mins