

# 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	105
Wavelength	405nm

### ■ Mechanical Properties – Post Cured Parts

Property	Value	Test Method
Hardness   Shore D	82	ISO 868
Tensile Modulus   MPa	1296	ISO 527
Tensile Strength   MPa	22	ISO 527
Elongation at break   %	2.3	ISO 527
Flexural Modulus   MPa	1533	ISO 178
Flexural Strength   MPa	39	ISO 178

Post Processing	Value
Cleaning time   mins	6
Recommended curing time   mins	3 mins per side