

BJM UNI-P Crown *3DP resin for temp crown and bridge*

PRINT SETTINGS

Layer thickness (μm)

50

Irradiance (mW/cm^2)

7.5

WASH CYCLE 1

Agitation Method

Ultrasonic

Cleaner

IPA

Cleaning time (min)

3

WASH CYCLE 2

Socketed cloth

IPA

-



WAIT BEFORE POST CURING

Waiting Time (min) 30

Temperature ($^{\circ}\text{C}$) 30

POST CURING

Model

Atmosphere

Flashes

Flip & Repeat

Otoflash G171

Ambient

2000

Yes

PROPERTIES*

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GC 

Flexural strength (MPa)

93 ± 5

62 ± 6

Compressive strength (MPa)

335 ± 7

334 ± 37

Flexural modulus (MPa)

2490 ± 105

2013 ± 195

Bi-axial flexural strength (MPa)

130 ± 5

110 ± 8

Water sorption ($\mu\text{g}/\text{mm}^3$)

30 ± 0.5

N/E

Water solubility ($\mu\text{g}/\text{mm}^3$)

2 ± 1

N/E

*All results and findings presented in this document are based on internal testing conducted by BJM LAB. These results may vary under different test conditions and should be interpreted accordingly.

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