

BURN OUT

Ash – Free Castable Resin

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	8
Bottom Exposure Time (s)	80
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	10.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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C&B-Ceramic

Nano Ceramic Filled material for High Flexural
& Compressive strength

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	10.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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C&B-Permanent

Tooth colored dental glass filled hybrid material for 3D printing permanent crowns, inlays, onlays and veneers

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	10.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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C&B-Interim

Tooth colored dental glass filled hybrid material for 3D printing temporary crowns, inlays, onlays and veneers

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	10.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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DENTURE

Biocompatible Photopolymer Resin for Denture Bases

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	10.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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MODEL

3D Print High-Contrast Dental Models

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	12.86
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Bet	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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SURGICAL GUIDE

3D Print precise clear Guides

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	100
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	12.86
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Beta	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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MODEL PRO

3D Print High-Contrast Dental Models

Printer Parameter	
Layer Height (mm)	0.05 / 0.1
Bottom Layer Count	6
Exposure Time (s)	10
Bottom Exposure Time (s)	40
Transition layer Count	6
Transition Type	Linear
Transition Time Decrement	4.29
Waiting mode during printing	Light
Light off delay (s)	13
Bottom Light off delay (s)	13
Bottom lift distance (mm)	8
Lifting distance (mm)	8
Bottom Retract Distance	8
Retract Distance	8
Bottom lift speed (mm/min)	60
Lifting speed (mm/min)	60
Bottom Retract speed (mm/min)	150
Retract speed (mm/min)	150
Tolerance Compensation Bet	a: -0.200
	b: -0.1



Support Setting					
Z-Lift Height (mm)	10.5				
Support Setting	Light				
Top		Middle		Bottom	
Contact Shape	None	Shape	Cylinder	Platform Touch Shape	Skate
Contact Diameter (mm)	0.3	Diameter (mm)	0.8	Touch Diameter (mm)	10
Contact Depth (mm)	0.2	Angle	70	Thickness	0.8
Contact Shape	Cone	Small Pillar Shape	Cone	Model Contact Shape	None
Upper Diameter (mm)	0.3	Diameter (mm)	0.4	Contact Diameter (mm)	0.4
Lower Diameter (mm)	0.8	Upper Depth (mm)	0.25	Contact Depth (mm)	0.2
Connection Length (mm)	2	Lower Depth (mm)	0.25	Contact Point	1

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