

## Phrozen Sonic / Sonic XL 4K

Phrozen Resins		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	6	30000	8	80	1200 - 1500	7	80	
2	Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	1000	6	30000	8	80	1700 - 2000	7	80	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	6	30000	8	80	2700 - 3000	7	80	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	6	30000	8	80	1100 - 1400	7	80	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	6	30000	8	80	1700 - 2000	7	80	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	6	30000	8	80	1700 - 2000	7	80	
7	Phrozen Beige-Basic Resin	0.05	150	3000	6	30000	8	80	2700 - 3000	7	80	
8	Phrozen Beige-Flex Resin	0.05	150	2000	6	30000	8	80	1700 - 2000	7	80	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	6	50000	8	80	2700 - 3000	7	80	
10	Phrozen Wax-like Green Castable Resin	0.05	150	3000	6	30000	8	60	2200 - 2500	7	60	
11	Phrozen Wax-like Violet Castable Resin	0.05	150	5000	6	40000	8	60	4700 - 5000	7	60	
12	Phrozen SC-801 Clear Resin	0.05	150	1000	6	30000	8	80	3000 - 4000	7	80	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	6	60000	8	80	2400 - 2900	7	80	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	6	30000	8	80	1800 - 2300	7	80	
Dental Resins		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
<b><u>Keystone</u></b>												
1	Keystone_Keyprint KeyTray	0.1	150	5000	6	20000	8	80	20800 - 21300	8	80	
2	Keystone_Keyprint KeyGuide	0.05	150	5000	6	20000	8	80	9400 - 9700	8	80	
3	Keystone_Keyprint KeySplint Soft	0.1	150	5000	6	25000	8	80	12500 - 13500	8	80	
4	Keystone_Keyprint KeyModel	0.05	150	5000	6	20000	8	80	8400 - 8700	8	80	
5	Keystone_Keyprint KeyOrthoModel	0.1	150	5000	6	20000	8	80	11800 - 12100	8	80	
6	Keystone_Keyprint KeyCast	0.05	150	5000	6	20000	8	80	9500 - 10000	8	80	
<b><u>NextDent</u></b>												
1	NextDent_Ortho IBT Clear	0.05	150	2000	6	30000	8	80	5200-5500	7	80	
2	NextDent_Ortho Clear Clear	0.05	150	2000	6	30000	8	80	4200 - 4500	7	80	
3	NextDent_Ortho Rigid Blue	0.05	150	2000	6	30000	8	80	5700 - 6000	7	80	
4	NextDent_Denture Opaque Pink	0.05	150	1000	6	30000	8	80	4700 - 5000	7	80	
5	NextDent_C&B MFH N1	0.05	150	2000	6	30000	8	80	4200 - 4500	7	80	
6	NextDent_SG Orange	0.05	150	3000	6	30000	8	80	3200 - 3500	7	80	
7	NextDent_Model 2.0 White	0.05	150	2000	6	30000	8	80	3200 - 3500	7	80	
8	NextDent_Tray Blue	0.05	150	3000	6	30000	8	80	3200 - 3500	7	80	
9	NextDent_Cast Purple	0.05	150	3000	6	30000	8	80	3200 - 3500	7	80	
<b><u>Enlighten Materials</u></b>												
1	Enlighten_AA Temp_50µm	0.05	150	2000	6	20000	8	80	2300 - 2600	7	80	

## Phrozen Sonic / Sonic XL 4K

Phrozen Resins		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
2	Enlighten_DD Guide_100µm	0.1	150	2000	6	20000	8	80	2800 - 3100	7	80	
<b><u>HARZ Labs</u></b>												
1	HARZ Labs_Dental Yellow Clear_50µm	0.05	150	1000	6	15000	8	80	1050 - 1350	7	80	
2	HARZ Labs_Dental Sand_50µm	0.05	150	1000	6	20000	8	80	1400 - 1700	7	80	
3	HARZ Labs_Dental Cast_50µm	0.05	150	1000	6	25000	8	80	3200 - 3500	7	80	
4	HARZ Labs_Dental Model Black_50µm	0.05	150	1000	6	20000	8	80	1600 - 1900	7	80	
5	HARZ Labs_Dental Model Grey_50µm	0.05	150	1000	6	20000	8	80	1600 - 1900	7	80	
<b><u>Dreve</u></b>												
1	Dreve_FotoDent Splint 385nm	0.05	150	5000	6	30000	8	80	11000 - 11500	10	80	
2	Dreve_FotoDent Denture Transparent 385nm	0.05	150	1000	6	30000	8	80	8500 - 8800	7	80	
3	Dreve_FotoDent Denture Opak 385nm	0.05	150	2000	6	30000	8	80	8500 - 8800	7	80	
4	Dreve_FotoDent Guide 385nm	0.05	150	2000	6	30000	8	80	8500 - 8800	7	80	
5	Dreve_FotoDent Guide 405nm	0.05	150	2000	6	30000	8	80	8500 - 8800	7	80	
6	Dreve_FotoDent IBT 385nm	0.05	150	5000	6	20000	8	80	10300 - 10600	10	80	
7	Dreve_FotoDent Model2 385nm	0.05	150	2000	6	30000	8	80	7500 - 7800	7	80	
8	Dreve_FotoDent Cast	0.05	150	1000	6	30000	8	80	4200 - 4500	7	80	
<b><u>Dentona</u></b>												
1	Dentona_Optiprint Temp	0.05	150	1000	6	30000	8	80	4600 - 4900	7	80	
2	Dentona_Optiprint Cast	0.05	150	1000	6	30000	8	80	4600 - 4900	7	80	
3	Dentona_Optiprint Gingiva 385	0.05	150	3000	6	30000	8	80	8400 - 8700	7	80	
4	Dentona_Optiprint Model 48052	0.05	150	3000	6	30000	8	80	8400 - 8700	7	80	
5	Dentona_Optiprint Tray 385	0.05	150	2000	6	30000	8	80	8400 - 8700	7	80	
6	Dentona_Optiprint Denture 385	0.05	150	2000	6	30000	8	80	4600 - 4900	7	80	
7	Dentona_Optiprint Guide 405	0.05	150	1000	6	30000	8	80	7500 - 7800	7	80	
8	Dentona_Optiprint Model 48053	0.05	150	2000	6	30000	8	80	6500 - 6800	7	80	
<b><u>Detax</u></b>												
1	Detax_Freeprint Ortho	0.05	150	2000	6	20000	8	80	6800 - 7000	7	80	
2	Detax_Freeprint Model 2.0	0.05	150	3000	6	20000	8	80	5800 - 6000	7	80	
3	Detax_Freeprint Temp	0.05	150	2000	6	20000	8	80	4800 - 5000	7	80	
4	Detax_Freeprint Cast 2.0	0.05	150	2000	6	20000	8	80	5800 - 6000	7	80	
<b><u>Graphy</u></b>												
1	Graphy_Tera Harz_TFD 23-5	0.05	150	9000	6	20000	6	80	6600 - 6800	6	80	
2	Graphy_Tera Harz_TC-80DP A2	0.05	150	18000	6	15000	8	60	4600 - 4800	8	60	

## Phrozen Sonic Mini / Sonic Mini 4K

Phrozen Resins	Basic Info			Bottom Layer				Normal Layer 一般層設定		
	Layer Height (mm)	Retract Speed (mm/min)	(Bottom) Light-off Delay (s)	Bottom Layer Count	Bottom Exposure Time (s)	Bottom Lift Distance (mm)	Bottom Lifting Speed (mm/min)	Exposure Time (s)	Lifting Distance (mm)	Lifting Speed (mm/min)
1 Phrozen ABS-like Resin - Gray / White	0.05	150	9	6	25	6	80	2 - 2.5	5	80
2 Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	9	6	25	6	80	2 - 2.5	5	80
3 Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	14	6	25	6	80	4 - 4.5	5	80
4 Phrozen TR250LV High Temp Resin - Gray	0.05	150	10	6	25	6	80	2 - 2.5	5	80
5 Phrozen Rock-Black Stiff Resin	0.05	150	10	6	25	6	80	2.5 - 3	5	80
6 Phrozen Nylon-Green Tough Resin	0.05	150	12	6	25	6	80	2.5 - 3	5	80
7 Phrozen Beige-Basic Resin	0.05	150	12	6	25	6	80	2.3 - 3	5	80
8 Phrozen Beige-Flex Resin	0.05	150	14	6	25	6	80	2.3 - 3	5	80
9 Phrozen Beige Low-Irritation Resin	0.05	150	14	6	25	6	80	4.5 - 5	5	80
10 Phrozen Wax-like Green Castable Resin	0.05	100	13	6	25	6	60	4 - 4.5	5	60
11 Phrozen Wax-like Violet Castable Resin	0.05	100	14	7	25	7	60	6 - 6.5	6	60
12 Phrozen SC-801 Clear Resin	0.05	150	10	6	25	6	80	5 - 6	5	80
13 Phrozen Water-Washable Resin - Rapid Black	0.05	150	10	7	25	6	80	2 - 2.5	6	80
14 Phrozen Water-Washable Resin - Model Gray	0.05	150	9	6	25	6	80	2 - 2.5	5	80

## Phrozen Sonic 4K

Phrozen Resins	Basic Info			Bottom Layer				Normal Layer 一般層設定			Note
	Layer Height (mm)	Retract Speed (mm/min)	(Bottom) Light-off Delay (s)	Bottom Layer Count	Bottom Exposure Time (s)	Bottom Lift Distance (mm)	Bottom Lifting Speed (mm/min)	Exposure Time (s)	Lifting Distance (mm)	Lifting Speed (mm/min)	
1 Phrozen ABS-like Resin - Gray / White	0.05	150	10	6	30	6	80	1.2 - 1.5	5	80	
2 Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	10	6	30	6	80	1.7 - 2	5	80	
3 Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	12	6	30	6	80	2.7 - 3	5	80	
4 Phrozen TR250LV High Temp Resin - Gray	0.05	150	10	6	30	6	80	1.1 - 1.4	5	80	
5 Phrozen Rock-Black Stiff Resin	0.05	150	10	6	30	6	80	1.7 - 2	5	80	
6 Phrozen Nylon-Green Tough Resin	0.05	150	11	6	30	6	80	1.7 - 2	5	80	
7 Phrozen Beige-Basic Resin	0.05	150	12	6	30	6	80	2.7 - 3	5	80	
8 Phrozen Beige-Flex Resin	0.05	150	11	6	30	6	80	1.7 - 2	5	80	
9 Phrozen Beige Low-Irritation Resin	0.05	150	12	6	50	6	80	2.7 - 3	5	80	
10 Phrozen Wax-like Green Castable Resin	0.05	150	12	6	30	6	60	2.2 - 2.5	5	60	
11 Phrozen Wax-like Violet Castable Resin	0.05	150	14	6	40	6	60	4.7 - 5	5	60	
12 Phrozen SC-801 Clear Resin	0.05	150	10	6	30	6	80	3 - 4	5	80	
13 Phrozen Water-Washable Resin - Rapid Black	0.05	150	10	6	60	6	80	2.4 - 2.9	5	80	
14 Phrozen Water-Washable Resin - Model Gray	0.05	150	10	6	30	6	80	1.8 - 2.3	5	80	
Dental Resins	Basic Info			Bottom Layer				Normal Layer 一般層設定			Note
	Layer Height (mm)	Retract Speed (mm/min)	(Bottom) Light-off Delay (s)	Bottom Layer Count	Bottom Exposure Time (s)	Bottom Lift Distance (mm)	Bottom Lifting Speed (mm/min)	Exposure Time (s)	Lifting Distance (mm)	Lifting Speed (mm/min)	
<b>Keystone</b>											
1 Keystone_Keyprint KeyTray	0.1	150	15	6	20	8	80	20.8 - 21.3	10	80	
2 Keystone_Keyprint KeyGuide	0.05	150	15	6	20	8	80	9.4 - 9.7	10	80	
3 Keystone_Keyprint KeySplint Soft	0.1	150	16	4	30	8	80	12.5 - 13.5	10	80	
4 Keystone_Keyprint KeyModel	0.05	150	15	6	20	8	80	8.4 - 8.7	10	80	
5 Keystone_Keyprint KeyOrthoModel	0.1	150	15	6	20	8	80	11.8 - 12.1	10	80	
6 Keystone_Keyprint KeyCast	0.05	150	15	6	20	8	80	9.5 - 10	10	80	
<b>NextDent</b>											
1 NextDent_Ortho IBT Clear	0.05	150	13	6	30	8	80	5.2-5.5	7	80	
2 NextDent_Ortho Clear Clear	0.05	150	13	6	30	8	80	4.2 - 4.5	7	80	
3 NextDent_Ortho Rigid Blue	0.05	150	13	6	30	8	80	5.7 - 6	7	80	
4 NextDent_Denture Opaque Pink	0.05	150	12	6	30	8	80	4.7 - 5	7	80	
5 NextDent_C&B MFH N1	0.05	150	13	6	30	8	80	4.2 - 4.5	7	80	
6 NextDent_SG Orange	0.05	150	14	6	30	8	80	3.2 - 3.5	7	80	
7 NextDent_Model 2.0 White	0.05	150	13	6	30	8	80	3.2 - 3.5	7	80	
8 NextDent_Tray Blue	0.05	150	14	6	30	8	80	3.2 - 3.5	7	80	
9 NextDent_Cast Purple	0.05	150	14	6	30	8	80	3.2 - 3.5	7	80	
<b>Enlighten Materials</b>											
1 Enlighten_AA Temp_50µm	0.05	150	13	6	20	8	80	2.3 - 2.6	7	80	
2 Enlighten_DD Guide_100µm	0.1	150	13	6	20	8	80	2.8 - 3.1	7	80	
<b>HARZ Labs</b>											
1 HARZ Labs_Dental Yellow Clear_50µm	0.05	150	12	6	15	8	80	10.5 - 13.5	7	80	
2 HARZ Labs_Dental Sand_50µm	0.05	150	12	6	20	8	80	1.4 - 1.7	7	80	
3 HARZ Labs_Dental Cast_50µm	0.05	150	12	6	25	8	80	3.2 - 3.5	7	80	
4 HARZ Labs_Dental Model Black_50µm	0.05	150	12	6	20	8	80	1.6 - 1.9	7	80	
5 HARZ Labs_Dental Model Grey_50µm	0.05	150	12	6	20	8	80	1.6 - 1.9	7	80	
<b>Dreve</b>											
1 Dreve_FotoDent Splint 385nm	0.05	150	19	6	30	8	80	11 - 11.5	10	80	
2 Dreve_FotoDent Denture Transparent 385nm	0.05	150	2	6	30	8	80	8.5 - 8.8	7	80	
3 Dreve_FotoDent Denture Opak 385nm	0.05	150	13	6	30	8	80	8.5 - 8.8	7	80	
4 Dreve_FotoDent Guide 385nm	0.05	150	13	6	30	8	80	8.5 - 8.8	7	80	
5 Dreve_FotoDent Guide 405nm	0.05	150	13	6	30	8	80	8.5 - 8.8	7	80	
6 Dreve_FotoDent IBT 385nm	0.05	150	19	6	20	8	80	10.3 - 10.6	10	80	

## Phrozen Sonic 4K

Phrozen Resins	Basic Info			Bottom Layer				Normal Layer 一般層設定			Note
	Layer Height (mm)	Retract Speed (mm/min)	(Bottom) Light-off Delay (s)	Bottom Layer Count	Bottom Exposure Time (s)	Bottom Lift Distance (mm)	Bottom Lifting Speed (mm/min)	Exposure Time (s)	Lifting Distance (mm)	Lifting Speed (mm/min)	
7 Dreve_FotoDent Model2 385nm	0.05	150	12	6	30	8	80	7.5 - 7.8	7	80	
8 Dreve_FotoDent Cast	0.05	150	12	6	30	8	80	4.2 - 4.5	7	80	
<b>Dentona</b>											
1 Dentona_Optiprint Temp	0.05	150	12	6	30	8	80	4.6 - 4.9	7	80	
2 Dentona_Optiprint Cast	0.05	150	12	6	30	8	80	4.6 - 4.9	7	80	
3 Dentona_Optiprint Gingiva 385	0.05	150	14	6	30	8	80	8.4 - 8.7	7	80	
4 Dentona_Optiprint Model 48052	0.05	150	14	6	30	8	80	8.4 - 8.7	7	80	
5 Dentona_Optiprint Tray 385	0.05	150	13	6	30	8	80	8.4 - 8.7	7	80	
6 Dentona_Optiprint Denture 385	0.05	150	13	6	30	8	80	4.6 - 4.9	7	80	
7 Dentona_Optiprint Guide 405	0.05	150	12	6	30	8	80	7.5 - 7.8	7	80	
8 Dentona_Optiprint Model 48053	0.05	150	13	6	30	8	80	6.5 - 6.8	7	80	
<b>Detax</b>											
1 Detax_Freeprint Ortho	0.05	150	13	6	20	8	80	6.8 - 7	7	80	
2 Detax_Freeprint Model 2.0	0.1	150	14	6	20	8	80	5.8 - 6	7	80	
3 Detax_Freeprint Temp	0.1	150	13	6	20	8	80	4.8 - 5	7	80	
4 Detax_Freeprint Cast 2.0	0.05	150	13	6	20	8	80	5.8 - 6	7	80	
<b>Graphy</b>											
1 Graphy_Tera Harz_TFD 23-5	0.05	150	9	6	20	6	80	6.8 - 7	6	80	
2 Graphy_Tera Harz_TC-80DP A2	0.05	150	18	6	15	8	60	4.8 - 5	8	60	

## Phrozen Transform / Transform Fast

Phrozen Resins - <a href="#">Transform</a>		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	10	80000	10	70	10000 - 11000	10	70	
2	Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	1000	10	80000	10	70	11000 - 13000	10	70	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	10	80000	10	70	16000 - 18000	10	70	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	10	80000	10	70	9000 - 10000	10	70	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	10	80000	10	70	12000 - 13000	10	70	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	10	80000	10	70	12000 - 13000	10	70	
7	Phrozen Beige-Basic Resin	0.05	150	2000	10	80000	10	70	12000 - 13000	10	70	
8	Phrozen Beige-Flex Resin	0.05	150	2000	10	80000	10	70	12000 - 13000	10	70	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	10	80000	10	70	15000 - 17000	10	70	
10	Phrozen Wax-like Green Castable Resin	---	---	---	---	---	---	---	---	---	---	Not recommended
11	Phrozen Wax-like Violet Castable Resin	---	---	---	---	---	---	---	---	---	---	Not recommended
12	Phrozen SC-801 Clear Resin	0.05	150	1000	10	80000	10	70	22000 - 23000	10	70	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	10	80000	10	70	15000 - 17000	10	70	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	10	80000	10	70	10000 - 11000	10	70	
Phrozen Resins - <a href="#">Transform Fast</a>		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	10	25000	10	70	2000 - 2500	10	70	
2	Phrozen Aqua Resin - Green / Blue	0.05	150	1000	10	25000	10	70	2000 - 2500	10	70	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	10	25000	10	70	4000 - 4500	10	70	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	10	25000	10	70	2000 - 2500	10	70	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	10	25000	10	70	2500 - 3000	10	70	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	10	25000	10	70	2500 - 3000	10	70	
7	Phrozen Beige-Basic Resin	0.05	150	2000	10	25000	10	70	2300 - 3000	10	70	
8	Phrozen Beige-Flex Resin	0.05	150	2000	10	25000	10	70	2300 - 3000	10	70	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	10	25000	10	70	4500 - 5000	10	70	
10	Phrozen Wax-like Green Castable Resin	---	---	---	---	---	---	---	---	---	---	Not recommended
11	Phrozen Wax-like Violet Castable Resin	---	---	---	---	---	---	---	---	---	---	Not recommended
12	Phrozen SC-801 Clear Resin	0.05	150	1000	10	25000	10	70	5000 - 6000	10	70	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	10	60000	10	70	2000 - 2500	10	70	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	10	25000	10	70	2000 - 2500	10	70	

## Phrozen Shuffle / Shuffle Lite

Phrozen Resins		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	6	60000	8	80	7000 - 8000	7	80	
2	Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	1000	6	60000	8	80	7000 - 9000	7	80	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	6	60000	8	80	11000 - 12000	7	80	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	6	60000	8	80	7000 - 8000	7	80	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	6	60000	8	80	9000 - 10000	7	80	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	6	60000	8	80	9000 - 10000	7	80	
7	Phrozen Beige-Basic Resin	0.05	150	3000	6	60000	8	80	11000 - 12000	7	80	
8	Phrozen Beige-Flex Resin	0.05	150	2000	6	60000	8	80	9000 - 10000	7	80	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	6	50000	8	80	15000 - 17000	7	80	
10	Phrozen Wax-like Green Castable Resin	0.05	150	3000	6	60000	8	80	10000 - 11000	7	80	
11	Phrozen Wax-like Violet Castable Resin	0.05	150	5000	6	60000	8	80	15000-16000	7	80	
12	Phrozen SC-801 Clear Resin	0.05	150	1000	6	60000	8	80	14000 - 15000	7	80	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	6	60000	8	80	9000 - 10000	7	80	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	6	60000	8	80	7000 - 8000	7	80	

## Phrozen Shuffle XL / Shuffle XL Lite

	Phrozen Resins	Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	6	60000	8	60	7000 - 8000	7	60	
2	Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	1000	6	60000	8	60	7000 - 9000	7	60	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	6	60000	8	60	11000 - 12000	7	60	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	6	60000	8	60	7000 - 8000	7	60	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	6	60000	8	60	9000 - 10000	7	60	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	6	60000	8	60	9000 - 10000	7	60	
7	Phrozen Beige-Basic Resin	0.05	150	3000	6	60000	8	60	11000 - 12000	7	60	
8	Phrozen Beige-Flex Resin	0.05	150	2000	6	60000	8	60	9000 - 10000	7	60	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	6	50000	8	60	15000 - 17000	7	60	
10	Phrozen Wax-like Green Castable Resin	0.05	150	3000	6	60000	8	60	10000 - 11000	7	60	
11	Phrozen Wax-like Violet Castable Resin	0.05	150	5000	6	60000	8	60	15000-16000	7	60	
12	Phrozen SC-801 Clear Resin	0.05	150	1000	6	60000	8	60	14000 - 15000	7	60	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	6	60000	8	60	9000 - 10000	7	60	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	6	60000	8	60	7000 - 8000	7	60	



## Phrozen Shuffle 4K

Resin Profile of 50um Layer Thickness for Phrozen Shuffle 4K		Basic Info			Burn Layer				Normal Layer			Note
		Layer Height (mm)	Down Speed (mm/min)	Delay (ms)	Layers (Numbers)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	Cure Time (ms)	Lift Height (mm)	Up Speed (mm/min)	
1	Phrozen ABS-like Resin - Gray / White	0.05	150	1000	6	50000	8	80	8000 - 10000	6	80	
2	Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	1000	6	60000	8	80	9000 - 11000	6	80	
3	Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	3000	6	50000	8	80	12000 - 14000	6	80	
4	Phrozen TR250LV High Temp Resin - Gray	0.05	150	1000	6	50000	8	80	8000 - 10000	6	80	
5	Phrozen Rock-Black Stiff Resin	0.05	150	1000	6	50000	8	80	11000 - 13000	6	80	
6	Phrozen Nylon-Green Tough Resin	0.05	150	2000	6	50000	8	80	11000 - 13000	6	80	
7	Phrozen Beige-Basic Resin	0.05	150	2000	6	50000	8	80	10000 - 12000	6	80	
8	Phrozen Beige-Flex Resin	0.05	150	2000	6	50000	8	80	10000 - 12000	6	80	
9	Phrozen Beige Low-Irritation Resin	0.05	150	3000	6	50000	8	80	16000 - 18000	6	80	
10	Phrozen Wax-like Green Castable Resin	0.05	150	3000	6	50000	8	80	12000 - 14000	6	80	
11	Phrozen Wax-like Violet Castable Resin	0.05	150	5000	6	50000	8	80	20000 - 21000	6	80	
12	Phrozen SC-801 Clear Resin	0.05	150	1000	6	50000	8	80	18000 - 20000	6	80	
13	Phrozen Water-Washable Resin - Rapid Black	0.05	150	1000	6	60000	8	80	10000 - 11000	6	80	
14	Phrozen Water-Washable Resin - Model Gray	0.05	150	1000	6	50000	8	80	8000 - 10000	6	80	

## Phrozen Sonic Mighty 4K

Phrozen Resins	Basic Info			Bottom Layer				Transition Layer		Normal Layer 一般層設定		
	Layer Height (mm)	Retract Speed (mm/min)	(Bottom) Light-off Delay (s)	Bottom Layer Count	Bottom Exposure Time (s)	Bottom Lift Distance (mm)	Bottom Lifting Speed (mm/min)	Transition Layer Count	Transition Type	Exposure Time (s)	Lifting Distance (mm)	Lifting Speed (mm/min)
1 Phrozen ABS-like Resin - Gray / White	0.05	150	12	6	30	8	60	6	Linear	2 - 2.5	7	60
2 Phrozen Aqua Resin - Green / Blue / Gray-4k	0.05	150	12	6	30	8	60	6	Linear	2 - 2.5	7	60
3 Phrozen TR250 High Temp Resin - Deep Gray	0.05	150	17	6	30	8	60	6	Linear	4 - 4.5	7	60
4 Phrozen TR250LV High Temp Resin - Gray	0.05	150	13	6	30	8	60	6	Linear	2 - 2.5	7	60
5 Phrozen Rock-Black Stiff Resin	0.05	150	13	6	30	8	60	6	Linear	2.5 - 3	7	60
6 Phrozen Nylon-Green Tough Resin	0.05	150	15	6	30	8	60	6	Linear	2.5 - 3	7	60
7 Phrozen Beige-Basic Resin	0.05	150	15	6	30	8	60	6	Linear	2.3 - 3	7	60
8 Phrozen Beige-Flex Resin	0.05	150	17	6	30	8	60	6	Linear	2.3 - 3	7	60
9 Phrozen Beige Low-Irritation Resin	0.05	150	17	6	30	8	60	6	Linear	4.5 - 5	7	60
10 Phrozen Wax-like Green Castable Resin	0.05	100	16	6	30	8	60	6	Linear	4 - 4.5	7	60
11 Phrozen Wax-like Violet Castable Resin	0.05	100	17	6	30	9	60	6	Linear	6 - 6.5	8	60
12 Phrozen SC-801 Clear Resin	0.05	150	13	6	30	8	60	6	Linear	5 - 6	7	60
13 Phrozen Water-Washable Resin - Rapid Black	0.05	150	13	6	30	9	60	6	Linear	2 - 2.5	8	60
14 Phrozen Water-Washable Resin - Model Gray	0.05	150	12	6	30	8	60	6	Linear	2 - 2.5	7	60