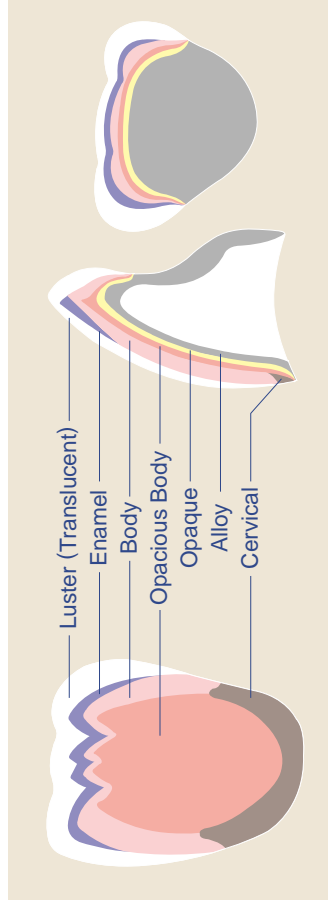


## EX-3 LINE-UPS

Paste Opaque	6g	POA1	POA2	POA3	POA3.5	POA4	POB1	POB2	POB3	POB4
		POC1	POC2	POC3	POC4	POD2	POD3	POD4	POnA1	POnA2
		POnA3	POnA3.5	POnA4	PONP1.5	PONP2.5	PONW0	PONW0.5	POBA	-
Paste Opaque Modifier	3g	PO White	PO Gray	PO Orange	PO Earth Brown	PO Reddish Brown	PO Pink	PO Blue	PO Yellow	-
Opaque (Powder)	10, 50, 200g	A1O	A2O	A3O	A3.5O	A4O	B1O	B2O	B3O	B4O
		C1O	C2O	C3O	C4O	D2O	D3O	D4O	-	-
Opaque Modifier (Powder)	10, 50g	OM Gray	OM Yellow	OM Orange	OM Brown	OM Dark Brown	OM Pink	-	-	-
Body	10, 50, 200g	A1B	A2B	A3B	A3.5B	A4B	B1B	B2B	B3B	B4B
		C1B	C2B	C3B	C4B	D2B	D3B	D4B	nA1B	nA2B
		nA3B	nA3.5B	nA4B	NP1.5B	NP2.5B	NW0B	NW0.5B	-	-
Enamel	10, 50, 200g	E1	E2	E3	Silky E1	Silky E2	-	-	-	-
Margin	10, 50g	MA1	MA2	MA3	MA3.5	MA4	MB1	MB2	MB3	MB4
		MC2	MC4	MD3	MD4	MNP1.5	MNP2.5	-	-	-
Clear Margin	10, 50g	M Clear	M Peach	M Orange	-	-	-	-	-	-
Margin Retouching	10, 50g	MRP	-	-	-	-	-	-	-	-
Margin Dilution	10, 50g	MDL	-	-	-	-	-	-	-	-
Opacious Body	10, 50, 200g	OBA1	OBA2	OBA3	OBA3.5	OBA4	OBB1	OBB2	OBB3	OBB4
		OBC1	OBC2	OBC3	OBC4	OBD2	OBD3	OBD4	OBNP1.5	OBNP2.5
		OB Enamel	OB White	OB Orange	-	-	-	-	-	-
Cervical	10, 50, 200g	CV-1	CV-2	CV-3	CV-4	-	-	-	-	-
Clear Cervical	10, 50g	CCV-1	CCV-2	CCV-3	CCV-4	-	-	-	-	-
Mamelon	10, 50g	Mamelon 1	Mamelon 2	-	-	-	-	-	-	-
Translucent	10, 50, 200g	Tx	T0	T1	T2	-	-	-	-	-
Luster	10, 50, 200g	LT0	LT1	T Bule	Creamy Enamel	Sun Bright	Incisal Aureola	Creamy White	LT Natural	LT Yellow
Modifier	10, 50g	White	Gray	Bule	Green	Yellow	Light Orange	Orange	Brown	Pink
		Dark Pink	Coral Pink	-	-	-	-	-	-	-
Tissue	10, 50g	Tissue 1	Tissue 2	Tissue 3	Tissue 4	-	-	-	-	-
Add-on	10, 50g	AD-T	AD-B	-	-	-	-	-	-	-
		Gray	Black	Blue	Green 1	Green 2	Yellow	Orange 1	Orange 2	Cervical 1
External Stain	3g	Cervical 2	Cervical 3	Earth Brown	Reddish Brown	Pure White	Pink	Salmon Pink	Red	A+
		B+	C+	D+	-	-	-	-	-	-
	10g	Glaze	-	-	-	-	-	-	-	-
Internal Stain	3g	Incisal Blue 1	Incisal Blue 2	Mamelon Orange 1	Mamelon Orange 2	Reddish Brown	Earth Brown	Cervical 1	Cervical 2	Cervical 3
		White	Red	Salmon Pink	A+	B+	C+	D+	Bright	-
Addmate	10g	Light Opaque	Dark Opaque	Light Body	Dark Body	Enamel	Translucent	Luster	Translucent	-

## Layering of The NORITAKE Super Porcelain EX-3



*Noritake*

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# Baking Schedule

	Dry-out time	Low Temperature		Start Vacuum		Heat Rate		Vacuum Level	Release Vacuum		Hold Time	High Temperature		Cool Time
	min.	°C	°F	°C	°F	°C/min.	°F/min.	kPa *1	°C	°F	min.	°C	°F	min.
A Paste Opaque 1st and 2nd	8	500	932	500	932	65	117	96	980	1796	1 (without vacuum)	980	1796	0
B Powder Opaque 1st	3	650	1202	650	1202	55	99	96	960	1760	1 (with vacuum)	960	1760	0
C Powder Opaque 2nd	5	650	1202	650	1202	55	99	96	950	1742	0	960	1760	0
D Margin Porcelain 1st and 2nd	5	650	1202	650	1202	55	99	96	935	1715	0	945	1733	0
E Body/Enamel/Translucent (1-3 units)	7	600	1112	600	1112	45	81	96	920	1688	0	930	1706	0
F Body/Enamel/Translucent (4-6 units)	10	600	1112	600	1112	45	81	96	925	1696	0	935	1715	0
G Body/Enamel/Translucent (Over 7 units)	15	600	1112	600	1112	45	81	96	930	1706	0	940	1724	0
H Body (Minor Adjustments)	7	600	1112	600	1112	45	81	96	910	1670	0	920	1688	0
I Internal Stain 1st and 2nd	3	650	1202	-	-	55	99	0	-	-	0	830	1526	0
J Self Glaze only	5	650	1202	-	-	50	90	0	-	-	0	930 *2	1706 *2	0
K Self Glaze with after-polishing	5	650	1202	-	-	50	90	0	-	-	0	890 *3	1634 *3	0
L External Stain / Glaze powder	5	650	1202	-	-	50	90	0	-	-	0	910	1670	0
M MRP	5	650	1202	-	-	55	99	0	-	-	0	850	1562	0
N Add-on	5	650	1202	-	-	55	99	0	-	-	0	880	1616	0
O Addmate (Minor adjustments)	5	450	842	450	842	45	81	96	690	1274	0	700	1292	0
P Degassing for NORI-VEST (Using a burnout furnace only)	0	300	572	-	-	30	54	0	-	-	20	1080	1976	0
Q Wash bake for Refractory	10	600	1112	600	1112	45	81	96	940	1724	0	950	1742	4
R Body for Refractory	10	600	1112	600	1112	45	81	96	940	1724	0	950	1742	4
S Glaze for Refractory	10	600	1112	-	-	45	81	0	-	-	0	950	1742	4

Note: The above program is only a guideline. Baking temperature may be varied with the peculiarities of different furnace.  
 \*1 96kPa = 72cmHg (29 inchesHg) \*2 This case is for 1-3 units. Set the high temperature the same as Body baking.  
 \*3 This case is for 1-3 units. Reduce 40° C(72° F) from the high temperature of Body baking.

# Color Combination Table

	A1		A2		A3		A3.5		A4		B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	NW0	NW0.5	NP1.5	NP2.5
Paste Opaque (Powder Opaque)	POA1 (A1O)	POnA1	POA2 (A2O)	POnA2	POA3 (A3O)	POnA3	POA3.5 (A3.5O)	POnA3.5	POA4 (A4O)	POnA4	POB1 (B1O)	POB2 (B2O)	POB3 (B3O)	POB4 (B4O)	POC1 (C1O)	POC2 (C2O)	POC3 (C3O)	POC4 (C4O)	POD2 (D2O)	POD3 (D3O)	POD4 (D4O)	PONW0	PONW0.5	PONP1.5	PONP2.5
Magin	MA1		MA2		MA3		MA3.5		MA4		MB1	MB2	MB3	MB4	MC2+MDL (1+1)	MC2	MC4+MDL (1+1)	MC4	MD3+MDL (1+1)	MD3	MD4	MB1+MDL (1+2)	MA1+MDL (1+1)	MNP1.5	MNP2.5
Opacious Body	OBA1		OBA2		OBA3		OBA3.5		OBA4		OBB1	OBB2	OBB3	OBB4	OBC1	OBC2	OBC3	OBC4	OBD2	OBD3	OBD4	-	-	OBNP1.5	OBNP2.5
Body	A1B	nA1B	A2B	nA2B	A3B	nA3B	A3.5B	nA3.5B	A4B	nA4B	B1B	B2B	B3B	B4B	C1B	C2B	C3B	C4B	D2B	D3B	D4B	NW0B	NW0.5B	NP1.5B	NP2.5B
Cervical	-		A2B+CV-1 (2+1)		A3B+CV-1 (1+1)		A3.5B+CV-1 (1+1)		CV-1		-	B2B+CV-2 (2+1)	B3B+CV-2 (1+1)	CV-2	-	C2B+CV-3 (2+1)	C3B+CV-2 (1+1)	CV-3	D2B+CV-4 (2+1)	D3B+CV-4 (1+1)	CV-4	-	-	-	NP2.5B+CV1 (2+1)
Enamel	E2		E2		E3		E3		E3		E1	E2	E3	E3	E2	E3	E3	E3	E2	E3	E3	Silky E2	Silky E2	E2	E2
Luster (Translucent)	LT1 (T1)																								