SIBELCO

GLAZE AND ENGOBE RANGE

Helping you improve yields and increase productivity

SIBELCO

Glaze and Engobe Range

Often critical to a product's quality and aesthetics, engobes and glazes rely on minerals that are not only consistent during processing but also offer flexibility in the final design.

Using our diverse product portfolio, we work with you to develop the optimum combination of minerals and prepared engobes for use in a wide range of applications, including sanitaryware, tiles and structural ceramics.

Product	Country of origin	Product Group	Chemical Analysis								Carbon	Residue %>	Particle size %<	
			SiO_2	TiO_2	Al_2O_3	Fe_2O_3	Na_2O	K_2O	CaO	LOI		125µm	10µm	2µm
Opal DBX-2	UA	clay	55	1.3	30	0.85	0.4	2.0	0.4	9.5	<0.1	2	98	92
Opal DBY-1	UA	clay	56	1.4	29	0.90	0.4	2.0	0.4	8.5	<0.1	2	97	86
BWS	UK	clay	48.6	0.9	33.9	1.1	0.2	1.5	-	13.5	1.7	0.3	97	84
DM	UK	clay	53.6	1.1	31.5	1.0	0.3	2.2	-	10.0	0.5	0.2	98	83
SQ	UK	clay	54.6	1.3	29.9	1.1	0.3	2.0	-	10.4	1.1	0.4	96	78
HV	UK	clay	65.2	1.4	23.1	0.8	0.3	2.4	-	6.2	0.2	0.3	88	61
TA	UK	clay	60.5	1.5	26	1.0	0.4	2.5	-	8.0	0.6	0.3	95	78
161	DE	clay	62.9	1.4	24.1	1.0	0.3	2.8	-	6.8	<0.2	1.0	95	69
Opal Engobe	UK	clay	64.8	1.6	23.0	0.9	0.4	2.2	0.1	6.8	0.3	0.3	89	68
CC31	UK	Kaolin	48.7	0.09	35.5	0.8	0.1	2.9	-	11.6		-	96	53
K	DE	Kaolin	60.6	0.2	28.2	0.4	0.1	0.3	-	10.1	<0.1	-	87	48
KCR	CZ	Kaolin	51.3	0.5	33.5	0.7	0.3	0.9	-	12.4	<0.1	-	97	60

Product	Country of origin	Product Group	Chemical Analysis								
			SiO_2	TiO_2	Al_2O_3	Fe_2O_3	Na_2O	K_2O	CaO	LiO	LOI
Casiflux G38	IT; NL	wollastonite	52	-	0.4	0.37	0.05	0.1	44	-	1.7
Portafill G75	IT; NL	ATH	-	-	65	0.01	0.2	-	-	-	34.5
Cullet F62	FR	glass	72	0.05	2.3	0.12	12.0	0.8	9.9	-	-
RP200	IN	K-Feld	67.0	0.003	18.0	<0.07	<2.9	>11.6	0.2	-	-
FFF K8	FI	Na-K Feld	67.5	0.01	18.8	0.08	4.7	8.3	-	-	0.3
FFF K6	FI	Na-K Feld	68.3	<0.005	18.6	0.10	5.5	6.2	-	-	0.3
Nepheline N-45	NO	Nepheline	55.4	0.07	24.6	0.1	8.1	8.8	1.1	-	0.9
A270N	IT; ES	Nepheline	57.6	0.08	23.5	0.08	8.9	7.5	-	-	0.8
Nepheline N-20	NO	Nepheline	55.4	0.07	24.6	0.1	8.1	8.8	1.1	-	0.9
1040/100	IT	Na-Feld	70.2	0.25	18.0	0.11	10.2	0.23	-	-	0.3
1010/45	IT	Na-Feld	68.6	0.03	19.5	0.02	10.4	0.2	-	-	0.1
1005	TR	Na-Feld	68.62	-	19.53	0.02	10.29	0.21	0.99	-	-
Portafer H	NL	iron oxide	-	-	-	96.5	-	-	-	-	-
Portachrom	NL	chromeoxide	-	-	-	24	-	-	-	-	-
SG35/63/300	NL/FR/IT	Aluminium Trihydrate	-	-	64.8	0.03	0.2	-	-	-	34
Emmenore 45	NL	manganese	-	-	-	-	-	-	-	-	-
Silica E10	FR	sand	99.8	-	-	-	-	-	-	-	0.11
Silica E400	FR	sand	99.8	-	-	-	-	-	-	-	0.10
Silica E600	FR	sand	99.4	-	-	-	-	-	-	-	0.25

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Products included in our portfolio might be (temporarily) out of stock or otherwise not available due to external circumstances. Sibelco does not assume any liability as a consequence of its promoted products not being available.

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