



Prepared Clay

Chemical Analysis	Typical Data	Y-202	Y-206	Y-705	Y-201	W-301	W-501	W-605
	SiO ₂ (%)	67.69	65.40	67.43	63.94	63.67	56.78	65.89
	Al ₂ O ₃ (%)	20.55	21.74	21.20	24.71	24.28	28.84	22.77
	K ₂ O (%)	2.11	2.32	2.21	1.97	1.86	1.38	1.05
	Na ₂ O (%)	0.22	0.29	0.05	0.27	0.16	0.38	0.24
	MgO (%)	0.30	0.32	0.29	0.28	0.25	0.24	0.15
	CaO (%)	0.49	0.39	0.37	0.51	0.6	0.69	2.26
	Fe ₂ O ₃ (%)	0.87	0.89	0.76	0.59	0.18	0.16	0.1
	TiO ₂ (%)	0.30	0.41	0.16	0.19	0.15	0.14	0.07
	Igloss (%)	6.42	7.10	6.89	7.14	8.43	10.91	6.62
Fired Properties	Firing temperature* (°C)	1200 OF	1200 OF	1200 OF	1200 OF	1200 OF	1200 OF	1200 OF
	Water Absorption(±1%)	3.1	4.2	2.1	4.3	4.7	4.8	0.4
	Contraction (±1%)	13.0	10.4	13.0	10.4	13.0	13.0	11.0
Applications	Throwing	⊙	⊙	⊙	-	⊙	⊙	-
	Sculpture	-	-	-	⊙	-	-	-
	Handbuilding	⊙	⊙	-	⊙	⊙	-	-
	Casting	-	-	-	-	-	⊙	⊙
Packing	Cake	⊙	⊙	⊙	⊙	⊙	⊙	⊙
	40Kg Bag	⊙	⊙	⊙	⊙	-	-	-
	20KG Bag	⊙	⊙	⊙	⊙	⊙	⊙	-

* The above includes partial products of Queen Ceramic Inc., the corresponding fired properties can be further customized to fulfill clients' needs.

* OF : oxidation fire