



	%									% Total contraction			Thermal Expansion	
Vitraclay	Si2	Ti2	Al2o3	Fe2o3	P2o5	CaO	MgO	K2O	Na2o	1100°C	1200°C	Pre fired Total	500°C	600°C
School and Studio All Purpose Clay	59.27	1.17	25.90	1.72	0.04	0.24	0.68	2.26	0.22	X	13.40	12.60	0.258	0.340
School and Studio All Purpose with Grog	59.27	1.17	25.90	1.72	0.04	0.24	0.68	2.26	0.22	X	13.40	12.60	0.258	0.340
Toasted Clay	58.49	1.22	25.42	3.02	0.05	0.30	0.69	1.93	0.11	X	13.40	12.80	0.266	0.360
Hand Building Crank Clay	70.95	1.13	18.60	0.93	0.05	0.14	0.36	1.87	0.26	X	8.20	12.80	0.240	0.324
Studio Throwing Clay	65.99	1.26	22.05	1.11	0.06	0.15	0.45	1.99	0.20	X	12.40	12.80	0.283	0.403
Raku Clay	63.02	1.26	23.51	2.63	0.05	0.24	0.59	1.86	0.15	X	11.30	11.00	0.264	0.365
White Throwing Clay	66.86	1.02	21.05	0.59	0.24	0.57	0.28	2.70	1.01	X	14.50	12.80	0.322	0.467
School and Studio Terracotta Clay	58.29	1.23	22.63	6.89	0.07	0.44	0.85	1.48	0.07	14.40	X	11.00	0.332	0.469
Terracotta Clay with Grog	61.57	1.12	20.40	6.63	0.07	0.59	0.77	1.54	0.09	13.34	X	11.00	0.340	0.480
White Earthenware Clay	71.63	0.24	18.26	0.47	0.06	0.93	0.18	1.56	0.37	10.00	X	11.00	0.360	0.510