



## Typical Data Sheet

	Ball Clays										Kaolin Clays		
	SanKast	FC-120	Volunteer	M-44	No. 1	No. 1 Glaze	No. 5	54-5	M-23	RJM-1	Wilco UPF	Blend No. 2	Wilco LPC
<b>Chemical Analysis (%)</b>													
Silicon Dioxide	58.8	57.4	57.9	57.7	58.8	57.3	58.2	58.3	57.9	59.7	45.7	46.0	45.2
Aluminum Oxide	25.7	26.4	27.1	27.5	27.0	27.5	26.9	26.7	27.2	24.2	38.4	37.8	38.2
Iron Oxide	1.5	1.2	1.2	1.6	1.3	1.2	1.3	1.5	1.2	2.9	0.4	0.8	0.4
Titanium Dioxide	2.2	2.1	2.3	1.5	2.4	2.7	2.6	2.2	2.4	1.5	1.5	1.5	1.8
Calcium Oxide	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.2	0.0
Magnesium Oxide	0.6	0.5	0.5	0.6	0.3	0.4	0.4	0.5	0.5	0.8	0.1	0.1	0.0
Sodium Oxide	0.4	0.5	0.5	0.1	0.3	0.5	0.4	0.4	0.4	0.8	0.0	0.1	0.0
Potassium Oxide	1.2	1.3	0.6	1.2	0.4	0.5	0.5	0.8	0.6	0.8	0.2	0.2	0.1
Loss on Ignition	9.5	10.5	9.8	9.6	9.4	9.8	9.6	9.5	9.7	8.7	13.6	13.3	13.5
<b>Particle Size (% less than)</b>													
5 micron	84	76	86	83	85	86	83	85	87	91	81	76	70
2 micron	66	59	73	66	72	72	69	69	75	81	59	57	45
1 micron	49	45	64	58	61	63	61	59	66	71	46	46	31
Carbon (%)	0.80	1.20	0.30	0.98	0.04	0.05	0.05	0.50	0.20	0.10	0.05	0.05	0.04
SSA (SPSA)	20.6	18.6	23.1	25.6	20.1	20.3	19.4	21.3	24.0	39.0	14.5	18.9	10.8

NOTICE: All data given and statements and recommendations made herein are based upon our research and are believed to be accurate typical data. However, no guarantee of their accuracy is made or implied. Our products are sold on the condition that the user will evaluate them himself, as well as our formulas and recommendations, to determine their suitability for his own purposes before adoption on a commercial scale. Also, statements as to the use of our products are not to be construed for their use in the infringement of any patent.

WARNING: BALL CLAYS CONTAIN FREE SILICA. DO NOT BREATHE THE DUST. PROLONGED INHALATION MAY CAUSE DELAYED LUNG INJURY (SILICOSIS). FOLLOW OSHA SAFETY & HEALTH STANDARDS FOR CRYSTALLINE SILICA (QUARTZ). FOR FURTHER INFORMATION CONSULT THE OLD HICKORY MSDS FOR THIS CLAY.