

ZB Test

7.0



	100	100	100
Silica	18	18	18
Wollastonite	18	15	15
Potash Feldspar (Cluster)	32	30	30
Ball Clay (OM4)	15	10	10
Zinc Oxide	12	11	11
Nepheline Syenite	5	4	4
G. Borate		12	
Frit 3195			12
(KNa)O [0.1 to 0.3]	0.177	0.168	0.198
MgO [0 to 0.3]	0.023	0.048	0.020
CaO [0.2 to 0.6]	0.387	0.430	0.396
ZnO [0 to 0.20]	0.413	0.353	0.386
Al ₂ O ₃ [0.25 to 0.5]	0.307	0.24	0.297
B ₂ O ₃ [0 to 0.3]	0	0.110	0.116
SiO ₂ [0.25 to 0.4]	2.829	2.427	2.859
Si:Al	9.21	10.12	9.63

Notes:

ZnO up to 0.4 if zinc fluxed.

2% copper carbonate added

All tests show good coverage and response to texture. Test #2 had increased variations of color into the pale blue range. This zinc fluxed base appears functional.