Recipe Name The Boys Vitreous. Slip

Cone | **Surface** Semimatte | **Color** Blue breaking to brown

Firing Oxidation | **Recipe Set** Earthenware

Test Sample IDs

Date Created	Date Printed
08/06/2007	04/12/2009

Ingredients	% or Amt.
Ball Clay, Ceram	20.0
Silica	20.0
Borax	10.0
Talc	10.0
Lithium Carbonate	10.0
Totals	70.0

Add

Rutile	2.0
Cobalt Carbonate	1.0

	Unity	Weight %	Mole %
Li_2O	0.526	7.13	13.77
Na_2O	0.108	3.04	2.83
K_2O	0.006	0.25	0.16
MgO	0.300	5.49	7.85
CaO	0.060	1.52	1.57
SrO			
BaO			
ZnO			
PbO			
Subtotal Alkalis	0.640	10.43	16.76
Total Fluxes	1.000	17.44	26.18
Al_2O_3	0.235	10.86	6.14
B_2O_3	0.206	6.51	5.39
Fe_2O_3	0.004	0.28	0.10
SiO_2	2.367	64.52	61.96
TiO_2	0.009	0.32	0.23
P_2O_5			
Si:Al	10.09		
Exp Coeff	53.40		
L.O.I.	19.90		

Glaze Photo

Recipe Cost, $ / lb

Comments