Recipe Name Soda Ash Shino

Cone 9-10 **Surface** Semigloss **Color** variable

Firing Reduction **Recipe Set** High Fire

Test Sample IDs

Date Created	Date Printed
28/12/2009	29/12/2009

Ingredients	% or Amt.		Unity	Weight %	Mole %
Nepheline Syenite	60.0				
Ball Clay, Ceram	35.0	Li_2O			
Soda Ash	15.0	Na_2O	0.769	9.89	10.95
		K_2O	0.155	3.23	2.35
		MgO	0.026	0.21	0.36
		CaO	0.041	0.47	0.58
		SrO			
		BaO			
		ZnO			
		PbO			
		Subtotal Alkals	0.984	13.12	13.31
		Total Fluxes	1.000	13.81	14.24
		Al_2O_3	1.244	26.33	17.72
Totals	110.0	B_2O_3			
Add		Fe_2O_3	0.009	0.29	0.12
Iron Oxide–Red	0.5				
		SiO_2	4.747	59.17	67.52
		TiO_2	0.021	0.34	0.29
		P_2O_5			
		Si:Al	3.81		
		Exp Coeff	87.88		
		L.O.I.	15.29		

Glaze Photo

Recipe Cost $ / lb

Comments

Carbon trap shino. Highly variable. See the wiki for photos
Calcine half the clay to avoid crawling when applying to bisque

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