

Recipe Name Nataniel's Blue

Cone 9-10 Surface Semiglossy Color Navy Blue

Firing Reduction Recipe Set High Fire

Test Sample IDs _____ Date Created 28/1/2010 Date Printed 28/1/2010

Ingredients	% or Amt.		Unity	Weight %	Mole %
Nepheline Syenite	24.0				
Whiting	24.0	Li ₂ O			
Eckalite	14.0	Na ₂ O	0.130	2.70	2.74
Silica	38.0	K ₂ O	0.042	1.31	0.88
		MgO	0.007	0.10	0.15
		CaO	0.821	15.35	17.26
		SrO			
		BaO			
		ZnO			
		PbO			
		Subtotal Alkalis	0.172	4.01	3.62
		Total Fluxes	1.000	19.46	21.04
		Al ₂ O ₃	0.370	12.58	7.78
		B ₂ O ₃			
		Fe ₂ O ₃	0.004	0.20	0.08
		SiO ₂	3.375	67.63	71.01
		TiO ₂	0.004	0.11	0.09
		P ₂ O ₅			
		Si:Al	9.13		
		Exp Coeff	69.54		
		L.O.I.	12.78		
Add	Totals				
Iron Oxide-Red	2.0				
Cobalt Carbonate	0.5				

Glaze Photo

Recipe Cost, \$ / lb _____

Comments
 TAFE NSW WSI, Nepean College
 Robert Linigen
 Translucent semi gloss navy blue. Shows texture well.