

Recipe Name Midfire Crawl

Cone Surface Color

Firing Recipe Set Mid-Fire

Test Sample IDs Date Created 2/12/2009 Date Printed 2/12/2009

Ingredients	% or Amt.		Unity	Weight %	Mole %
Nepheline Syenite	45.0				
Magnesium Carbonate	45.0	Li ₂ O			
Ball Clay, Ceram	10.0	Na ₂ O	0.113	5.93	5.45
		K ₂ O	0.036	2.86	1.73
		MgO	0.842	28.77	40.68
		CaO	0.009	0.43	0.44
		SrO			
		BaO			
		ZnO			
		PbO			
		Subtotal Alkalis	0.149	8.79	7.19
		Total Fluxes	1.000	37.99	48.30
		Al ₂ O ₃	0.209	18.05	10.10
		B ₂ O ₃			
Add	Totals	Fe ₂ O ₃	0.001	0.13	0.05
Copper Carbonate	2.0	SiO ₂	0.858	43.68	41.47
		TiO ₂	0.002	0.12	0.09
		P ₂ O ₅			
		Si:Al	4.11		
		Exp Coeff	67.53		
		L.O.I.	25.22		

Glaze Photo

Recipe Cost, \$ / lb

Comments

Dry glaze, made to deliberately crawl. Use over another more melted glaze or it can flake off after firing. I like it over a darker glaze or engobe with some texture. Add oxide or stain for colour.