

Recipe Name Black Matt

Cone 9-10 Surface Matte

Color Black

Firing Reduction

Recipe Set High Fire

Test Sample IDs

Date Created

Date Printed

26/12/2009

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Ingredients	% or Amt.		Unity	Weight %	Mole %
Feldspar--Potash	48.0				
Ball Clay, Ceram	27.0	Li ₂ O			
Whiting	18.0	Na ₂ O	0.077	1.75	1.84
Talc	7.0	K ₂ O	0.165	5.72	3.97
		MgO	0.172	2.56	2.14
		CaO	0.587	12.14	14.12
		SrO			
		BaO			
		ZnO			
		PbO			
		Subtotal			
		Alkalis	0.241	7.47	9.81
		Total Fluxes	1.000	22.17	24.08
		Al ₂ O ₃	0.496	19.04	17.93
		B ₂ O ₃			
Add	Totals	Fe ₂ O ₃	0.005	0.31	0.13
		SiO ₂	2.643	59.55	63.63
		TiO ₂	0.009	0.28	0.23
		P ₂ O ₅			
		Si:Al	5.33		
		Exp Coeff	17.37		
		L.O.I.	12.10		
					Recipe Cost, \$ / lb

Glaze Photo

Comments

Add 5% Black Stain.

Reliable Matt Black opaque stoneware glaze on all clays. Great for sculpture or the exteriors of tableware. Untested for metal release for the interiors of tableware.

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