

Title : Development of Celadon glaze by chemical
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Development of Celadon glaze by chemical. The aim of this experimental research was to find a mixture of Celadon glaze by chemical instead of Woodash. Fired at a constant temperature of 1,230 degrees celsius under a reduction atmosphere, physical properties same Sukhothai Celadon. Purposive sampling from exsamples a mixture of Celadon glaze by Feldspar 55 percent, Clay 25 percent, Woodash 20 percent. Take to readjust glaze, seventy five samples of proportion. The research raw materials were Feldspar, Quartz, Dolomite, Whiting, Clay, Ferric oxide and Alumina. The sample were fired at a constant temperature of 1,230 degrees celsius under a reduction atmosphere.

The results of the research summarized that development of Celadon glaze instead of chemical, that proportion of the mixture with two group eight exsamples were Dolomite 3.83 percent, Sodafeldspar 54.50 percent, Quartz 15.55 percent, Whiting 17.44 percent, Clay 8.67 percent and Ferric oxide 2.00 percent. It was appropriate for physical properties and same superlative Sukhothai Celadon glaze.