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(, 2 5 ~ 5-8% .) ,

, %: CaO-30.55, P₂O₅-13.0, Fe₂O₃-3.50, Al₂O₃-2.79, MgO-1.2, F-1.10, CO₂-3.59, SiO₂-28.1.

: , , %: HNO₃-4.85, H₃PO₄-8.02, Ca(NO₃)₂-37.89 , Fe(NO₃)₃-3.33, Al(NO₃)₃-3.85, Mg(NO₃)₂-1.98, H₂SiF₆-0.39, NaNO₃-0.08, KNO₃-0.81, 2 -38.75. NP-



NH₃ : P₂O₅

$$\frac{dC}{dt} = K \exp\left(\frac{-E}{RT}\right) (1-\Gamma)^n C_k^0 H \quad (2)$$

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: Fe₂O₃, FeO, CoO, NiO, Cr₂O₃, CuO,

900-1000°

45

8

0.022 – 0.019 / °²,

242 – 486 / °²,