Obtaining of nickel and cobalt nanostructured oxides

© Polina V. Lapsina,¹⁺ Evgeny I. Kagakin,^{2*} Anna N. Popova,¹ and Vadim G. Dodonov³

¹Kemerovo Scientific Center SB RAS. Soviet pr., 18. Kemerovo, 650000. Russia. Phone: +7 (923) 608-0271. E-mail: lpv110185@rambler.ru ² Chemical Engineering and Environment Solid Fuel Department. T.F. Gorbachev Kuzbass State Technical University. Vesennyaya St., 28. Kemerovo, 650000. Russia. E-mail: kagakin55@mail.ru ³ Chemistry of Solids Department. Kemerovo State University. Krasnava St., 6. Kemerovo, 650043. Russia. E-mail: 233191@mail.ru

*Supervising author; ⁺Corresponding author

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Abstract

The synthesis of nickel and cobalt nanostructured oxides from nanostructured metal powders is proposed. The morphology and phase structure of obtained nanostructured oxides is considered by mean of XRD-analysis and scanning electron microscopy (SEM). It is found that the oxides have a size comparable with the size of corresponding metal precursors.