

Thermokinetic analysis of the decomposition of Ukrainian coals from the Donetz Basin

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Abstract. Thermogravimetry was applied to the investigation of Donetz bituminous coals formed under low-reduced (LRC) and reduced (RC) conditions. Thermokinetic analysis has demonstrated that thermal decomposition of the RC coal samples proceeds more intensely than for the LRC samples.

Key words: coal genetic type, low-reduced coal (LRC), reduced coal (RC), thermogravimetry