

## STUDY OF THERMAL PROPERTIES OF NEW MODIFIED TEBINBULAK MINERALS

KURBANBAEV SHUKHRAT ERGASHEVICH<sup>1</sup> & MIRZAEV SIROJIDDIN ZAYNIEVICH<sup>2</sup>

<sup>1</sup>Fire Research Centre, Higher Technical School of Fire Safety, Tashkent, Uzbekistan

<sup>2</sup>Department of Engineering Physics, Tashkent State Technical University, Tashkent, Uzbekistan

### ABSTRACT

*Thermal properties of modified vermiculite mineral are studied. It is shown that activation of vermiculite with their subsequent treatment with sodium silicate -  $\text{Na}_2\text{SiO}_3$  improves their thermophysical properties. The method of differentially-thermal analysis is undertaking a study of deposit of every component as fireproof addition. The results of thermo analysis allowed will set mechanism of action of treat vermiculites on the processes of thermooxidizing destruction of material got on their basis and together with it more exactly to manage the process of decomposition.*

**KEYWORDS:** *Differential Thermal Analysis, Vermiculite, Nitric and Phosphoric Acids, Sodium Silicate*

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