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**Full Paper** 

## Research of physicomechanical properties of polymeric materials modified in the electromagnetic field of the microwave range

© Elena M. Abakacheva, Damir F. Suleymanov, and Nikolay S. Shulaev<sup>\*+</sup>

Branch of the Ufa State Oil Technical University in Sterlitamak. October St., 2. Sterlitamak, 453118. Bashkortostan, Russia. Phone: +7 (3473) 29-11-27. E-mail: suldf@yandex.ru

\*Supervising author; <sup>+</sup>Corresponding author Keywords: electromagnetic radiation, PVC, sticky film, regime of non-thermal modification.

## Abstract

The article is devoted to the research of physical and chemical properties of polymeric materials modified in electromagnetic field of super high-frequency range. In particular we investigated breaking strength, water absorption and electric conductivity. Optimum modes of updating of sticky film for isolation of the main pipelines are defined.