

## The cellulose destroy in ultrasonic field

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**Abstract** In this paper we present the obtained results at ultrasonic treatment of cellulose and cotton cellulose in aqueous medium and in NaOH 0.1N solution. The ultrasonic treatment in aqueous medium leads to depolymerization and hydrolyze of cellulose.

*Keywords:* ultrasonic field, cellulose, cotton cellulose

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