

# **STUDY OF SHOCK-WAVE SENSITIVITY USING GAP-TEST METHOD. SIMPLE METHOD FOR ESTIMATING DEPTH OF DETONATION FORMATION**

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The experiments using the Gap-test method are aimed at determining shock-wave sensitivity of epoxy tested HE samples to shock waves.

Different methods, generally based on the selection of thickness of an inert barrier or booster, are used to determine HE shock-wave sensitivity to control shock impact on the tested sample. The paper presents a simple method that allows estimating shock-wave sensitivity by the criterion of detonation delay time without changing the parameters of shock wave generator. The cylindrical HE samples 20 mm in diameter were used in experiments to determine the shock-wave sensitivity.

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