

The Specifics of Detonation Wave's Propagation Trough Small Section Channels for Petn-based Explosives

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One of the most important directions of the development of initiation system workability assessment method is the development of numerical simulation for propagation specifics of detonation waves for PETN-based explosives using the detonation kinetics models. The development of such a technology would make it possible to predict the work of similar system with more accuracy. The experimental and calculated data obtained in VNIIEF are described to demonstrate the need of using the detonation kinetics models for numerical simulation of detonation wave's propagation trough small section channels for PETN-based explosives.