DETERMINATION OF THE CRITICAL DETONATION THICKNESS OF THERMOPLASTIC EXPLOSIVES

A. E. Teplyakov, A. V. Sarafannikov, K. M. Prosvirnin, I. G. Galiullin
FSUE «RFNC – VNIITF named after Academ. E. I. Zababakhin», Snezhinsk, Russia

The paper presents the results of studies of the critical detonation thickness using non-disturbing diagnostic methods. The influence of various factors on this parameters is considered (temperature of investigation, density of charge, contents of components).