

عنوان مقاله:

Ballistic Impact Perforation into GLARE Targets Part I: Experiments and Numerical Modeling

محل انتشار:

دومین کنفرانس بین المللی کامپوزیت (سال: 1389)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

Experimental investigation of high velocity perforation 2/1 GLARE 3 target panels with flat ended projectile was presented. Also, numerical simulations were carried out using explicit nonlinear finite element software, LS-DYNA. The ballistic limit was determined experimentally and numerically. Strain rate hardening effects were considered in .numerical model. There is reasonable difference between numerical and experimental results

کلمات کلیدی:

Fiber Metal Laminates (FMLs), GLARE, Ballistic Impact, Finite Elements Method(FEM), LS-DYNA

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