

Abstract Submitted
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Hugoniot Measurement on a Gel-binder system. RAY FLAXMAN, WILLIAM PROUD, Cavendish Laboratory, University of Cambridge, CAROLINE HANDLEY, AWE, Aldermaston, UK, DAVID CHAPMAN, Cavendish Laboratory, University of Cambridge — Gel systems are finding increasing use in composites where a degree of compliance with limited residual stress is required. In this poster the results of a series of plate impact experiments are presented. The material has been characterised to obtain the principal Hugoniot, this is compared to the points obtained from a ring-up experiment, the effects of the shock heating are seen.

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