

Abstract Submitted  
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**Ballistic Resistance of Polymeric Materials** CHAD SNYDER, GALE HOLMES, KATHLEEN FLYNN, STEVEN ROTH, WALTER MCDONOUGH, DAWEI LIU, Polymers Division, NIST, Gaithersburg, MD 20899 — Ballistic-resistant body armor has been credited with saving more than 2,500 lives, but new materials are constantly being developed, and there currently exists no method for evaluating armor over time to ensure the continued effectiveness of the protection. We report on progress towards development of a standard test method for reliability of the active polymeric materials that comprise them.

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