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Mechanical Properties of Materials at High Rates of Strain, 1989: Proceedings of the Fourth International Conference Held in Oxford, 19-22 March 1989 (Conference

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Mar 08, 2010 NIST Home > NIST Manuscript Publication Search. Measuring the response of soft materials to high strain rate deformation is extremely challenging

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### **Mechanical strength model for plastic bonded**

Scitation: Mechanical strength model for plastic bonded granular materials at high strain rates and large strains

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In high strain-rate region, experimental data of engineering materials under high strain-rates and high Latin American Journal of Solids and

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High Strain Rate Response of Sandwich FABRICATION OF NANOPHASED FOAMS 2.1 Materials System The following materials, High strain rates compression

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over a range of strain rates. Such materials usually have high compressive strength but low tensile strength and tend to The reference strain rate is

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Lindholm, U.S., High Strain Rate Tests, Techniques of Metals Research,5,Part I, Ed. by R.F. Bunshah, John Wiley and Sons (1971).