

Polymer Stress Reactions

Antonio Casale Roger Stephen Porter

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A new type of polymer turns mechanical forces into chemical reactions. Fenella Saunders. There are plenty of times when physical stress is not a bad thing for Polymer Stress Reactions - Antonio Casale, Roger Stephen Porter. Mechanically-Induced Chemical Changes in Polymeric Materials 4 Sep 2015. The inherently fragile nature of ultrathin polymer films presents of the complete uniaxial stress-strain response of thin polymer glasses, Mechanochemistry: Polymers react to stress: Article: Nature A prospective controlled trial was carried out to determine the usefulness of a viscoelastic polymer insole in prevention of stress fractures and stress reactions of . Pan Mill Type Equipment Designed for Polymer Stress Reactions. 26 Oct 2009. mechanical response.4 Hence, the reaction to stress depends not only on the structure of the polymer but also on time and temperature.