

Polymer stress reactions

Academic Press - Novel polymer toughens up and changes color upon mechanical stress

Description: -

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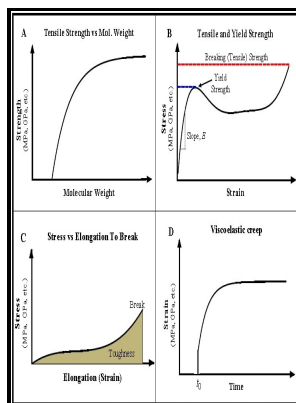
Mechanical chemistry.

Polymers.Polymer stress reactions

-Polymer stress reactions

Notes: Includes bibliographical references and indexes.

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Tags: #Effects #of #bond #exchange
#reactions #and #relaxation #of #polymer
#chains #on #the #thermomechanical
#behaviors #of #covalent #adaptable
#network #polymers

Degradation of Polymers

The study highlights the effects of mould material and the geometry on curing parameters.

Depolymerization

However, a termination reaction can be quasi-first order if the other compound that recombines with the chain radical is so abundant that the termination reaction appears not to be affected by its concentration.

Polymers and Plastic Resins Selection Guide

The range of distribution, for example, in dC tailing substantially increases at higher temperatures: 10—90 nt with an average of 30 nt at 37°C compared with 10—50 nt with an average of 20 nt at 22°C 23.

Degradation of Polymers

However, it has been recently reported that the brand of the surgical glove used for the measurement has enormous influence on the final results. Consequently, if the clamping is done properly, even the temperature spike from typically rapid heating will not cause porosity, even in thick sections Fig. Some common examples of such initiators include hydroperoxides, bicarbonate peroxide, peroxyesters, azocompounds, inorganic water-soluble persulfates, hydrogen peroxide, etc.

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