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The Mesoscopic Theory of Polymer Dynamics. Author (s) Pokrovskii, Vladimir N. Publication. Dordrecht : Springer, 2010. - 266 p. Series. (Springer Series in Chemical Physics ; 95) Subject category.

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Mesoscopic theory of the viscoelasticity of polymers. Chitanvis SM(1). Author information: (1)Theoretical Division, Los Alamos National Laboratory, Los Alamos, New Mexico 87545, USA. We have advanced our previous static theory of polymer entanglement involving an extended Cahn-Hilliard functional, to include time-dependent dynamics.

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Polymer physics is the field of physics that studies polymers, their fluctuations, mechanical properties, as well as the kinetics of reactions involving degradation and polymerisation of polymers and monomers respectively.. While it focuses on the perspective of condensed matter physics, polymer physics is originally a branch of statistical physics.Polymer physics and polymer chemistry

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