

عنوان مقاله:

Coarse-grained model for the description of core-shell adhesives rheology

محل انتشار:

دهمین سمینار بین المللی علوم و تکنولوژی پلیمر (سال: 1391)

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خلاصه مقاله:

Simulation of the bulk properties of fluids involves taking into account all the interactions between atomic units in the system. With cost of high levels of calculations one can achieve a rich amount of information for time period of nanoseconds. However these levels of interactions and the achieved time of simulation are not noticeable in most of accurate modern characterization tools. The theoretical description of complex fluids ultimately involves a certain level of coarse graining. In this work we have super coarse grained number of polymeric chains in one latex particle in one simulation particle and used this meso model for predicting macro rheological behavior

کلمات کلیدی:

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