



Advances in Polymerization and Kinetic Studies

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Message from the Guest Editor

Due to the different molecular structures and the different regularity of molecular chain arrangements, polymers will have crystallization, recrystallization, glass transfer, and amorphous forms under specific temperatures. These properties are also closely related to the heat absorption and exotherm of the polymer reaction and processing procedures, which in turn affect the polymers' mechanical strength and chemical and physical properties. Therefore, this special issue on polymers will cover polymer crystallization kinetics, polymer reaction kinetics, polymer interfacial kinetics, polymer blending, and molecular modeling of polymer dynamics. In addition, other materials such as polymer nanocomposites, biodegradable polymers, and polymer electrolytes, phase changes and reaction kinetics of these materials, as well as the hydrolysis or thermal decomposition mechanisms, are also expected to be included in this special issue.





polymers



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Message from the Editor-in-Chief

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