



Polymer Modification as a Route to Functional Copolymers

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Message from the Guest Editor

The modification of synthetic and natural macromolecules remains an important means of obtaining functional polymers with applications in all areas of human endeavor. Whereas reactions on polymers are generally more complicated than those on their low-molar-mass analogues, they can provide a variety of copolymers with tunable chain structures and properties. Studies on the mechanisms and kinetics of modification require researchers to be inventive in combining comprehensive methods of polymer science. In this Special Issue, we most welcome papers that experimentally or theoretically address the relations between the reaction conditions, monomer unit distribution in the transforming chains, and functional characteristics of the reaction products. Of particular interest are the following topics:

- The effect of chain structure on the copolymer's properties;
- The selective modification of macromolecules to enhance their ordering ability;
- Click reactions on polymers;
- Polymer modification with control over the distribution of functional groups;
- Polymer modification during processing.





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Message from the Editor-in-Chief

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