



Novel Copolymers: Preparation, Characterization, and Applications

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Message from the Guest Editors

Dear Colleagues,

A copolymer is a polymer that is made up of two or more different monomer units. These monomer units are typically joined together through a process called copolymerization, which involves the simultaneous polymerization of two or more different monomers. Copolymers can have a variety of different properties, which depend primarily on the specific monomers that are used in their production. For example, copolymers made from hydrophilic and hydrophobic monomers can be used to create materials with both water-repellent and water-absorbing properties. Additionally, copolymers can be designed to have specific mechanical, thermal, or electrical properties, depending on the intended application. Some examples of copolymers include diblock, triblock, and fluorescent copolymers and conducting polymers.

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