



Eco-Friendly Polymers: Structure, Modification and Processing

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Message from the Guest Editors

Although synthetic polymers are still very popular, their synthesis and further processing pose a great challenge in the light of growing public awareness of environmental issues. Consequently, materials made from renewable sources have gained significant attention in recent decades for their potential to replace polymers from petroleum sources. Nowadays, solutions are constantly being proposed, which has led to the creation of bio-based materials, products and entire technologies that have a much lower environmental impact. The development of eco-friendly materials also allows for much more effective waste management. These residues can be applied, for example, as various types of fillers to improve the properties of existing polymer-based products. Overall, the implementation of “eco-friendly” solutions is widely considered an important strategy in the field of materials engineering, allowing the development of promising materials that constitute an alternative to existing synthetic materials.

This Special Issue aims to present the latest research on the structure, modification and processing of environmentally friendly polymeric materials.





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Message from the Editor-in-Chief

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