

Special Issue

Thermoplastic Polyurethane Elastomers: Synthesis, Characterization and Properties

Message from the Guest Editor

This Special Issue of the International Journal of Molecular Sciences is dedicated to the topic of thermoplastic polyurethane (TPU) elastomers and their synthesis, characterization and properties. Due to their versatility, thermoplastic polyurethane elastomers belong to an important material group that is of significant interest to both scientists and industry representatives. The use of new, environmentally friendly monomers and their impact on TPU properties are thus an important area of study. This Special Issue aims to present the latest research findings and literature reviews on thermoplastic polyurethane (TPU) elastomers, including an in-depth analysis of how various synthesis methods influence the properties of TPU, thereby determining its potential applications. This Special Issue will welcome both original research articles and reviews addressing these research, with a particular interest in molecular mechanisms.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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