



Siloxane-Based Polymers

Guest Editor:

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Message from the Guest Editor

Since the birth of chemistry, inorganic and organic compounds have been considered two separate worlds owing to their completely different properties and structure. Due to the progress of the science in this field, it is possible today to obtain hybrid inorganic–organic materials, thus having the properties of both of them, different than those achievable by a simple blend at macroscopic level. In this frame, the synthesis of Siloxane-Based Polymers represents at the same time a challenge and a fascinating field of research, and offers the opportunity of obtaining compounds with new unique properties. We invite authors to submit original research and review articles that report the synthesis and characterization of these hybrid materials and that attest an enhancement of their chemical, physical and mechanical properties in respect to the polymer matrix. We are interested in traditional and new chemical processes will contribute to the preparation of such materials and in new processing technologies articles. The aim is also to cover the exploration of the interaction between inorganic filler and organic matrix.

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Message from the Editor-in-Chief

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