



Aging of Polymer Materials

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Message from the Guest Editors

Dear Colleagues,

Due to the widespread application of polymeric materials across different sectors ranging from aerospace to everyday consumer goods to biomedical applications, understanding and predicting the durability of polymeric materials and structures is extremely critical. The long-term behavior of polymeric materials such as composites and nano-composites, etc., depend on the mechanical, physical, environmental, chemical, thermal, photochemical, and several other conditions that the polymer material is exposed to. Such long-term aging involves drastic changes in the properties of the materials and affects their reliability and performance. These properties may be strength, toughness, density, reactivity, etc. Hence, this topic on the aging of polymer materials is a vast field, and there is a need for a collection of articles that discuss the latest state-of-the-art research on this topic.





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