Thermosets

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Message from the Guest Editors

Thermoset materials are infusible and insoluble highly crosslinked polymers, as the consequence of the chemical reactions that takes place during curing. They have been widely used as high performance materials in diverse applications such as adhesives, matrices for fibre-reinforced composites, surface coatings, caulks, manufacture of insulating materials and for electronic encapsulation.

This Special Issue aims to present new insights in the improvement of such materials including different three-dimensional chemical structures, specially designed to fulfil most of the requirements for advanced technologies. Traditional and new chemical processes will contribute to the preparation of such materials and in new processing technologies, as dual curing that allows obtaining stable intermediate materials after the first curing step that can be processed before triggering the second curing step that allows the final material performance to be achieved. This issue covers specially designed chemical structures, which will confer interesting characteristics to the thermosets described.
Message from the Editor-in-Chief

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