



Development in Thermosetting Polymers

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Message from the Guest Editors

Plastics are widely used in our daily lives, and while thermosetting polymers represent just under 20% of plastic production, serious drawbacks in terms of brittleness and poor fatigue resistance owing to their three dimensional cross-linking structure significantly restrict their extensive utilization. Therefore, modification of thermosets is essential for their applications.

In order to address the growing concern regarding environmental issues, there is an increasing interest in the exploitation of bio-based, self-healing, recyclable and degradable materials. Consequently, bio-based, self-healing, and recyclable and degradable thermosetting polymers have recently become hot research topics.

The aim of this Special Issue is to highlight the recent developments in thermosetting polymers. In particular, the modification of thermosetting polymers, as well as bio-based, self-healing, recyclable and degradable thermosetting polymer materials and functional thermosetting polymers are of interest.





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