



Thermosets

Guest Editors:

Prof. Dr. Angels Serra

Department of Analytical and Organic Chemistry, Faculty of Chemistry, University Rovira i Virgili, C/ Marcel··· li Domingo s/n, N4, 43001 Tarragona, Spain

Prof. Xavier Ramis

Department of Heat Engines, Thermodynamics Laboratory of Barcelona School of Industrial Engineering, Universitat Politècnica de Catalunya BarcelonaTech, Av. Diagonal 647, ETSEIB, 08028 Barcelona, Spain

Deadline for manuscript submissions:
closed (20 January 2018)

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.





polymers



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)