

## Special Issue

# Epoxy Resins and Composites

### Message from the Guest Editors

Epoxy resins are thermosetting polymers known for their versatility and acceptable properties that have taken credit for a wide variety of applications. To make epoxy resins cross-linked, one needs the use of a proper curing agent. Depending on the functionality of epoxy resins and curing agents, the curability of systems may vary from a partially cured to an intensely cured 3D network. In correspondence to the degree of curing/cross-linking, materials with different properties can be achieved. Despite promising features of epoxy, some drawbacks necessitate the use of particular fillers/additives in developing epoxy-based systems. Correspondingly, further complexities are associated with cross-linking of epoxy, such as incomplete curing caused by constrained interaction between epoxy and hardener, inadequate dispersion of additive in the epoxy resin, and early-stage gelation. Thus, designing advanced thermosetting systems based on epoxy resin necessitates deep understanding of the structure–property relationship. On the other hand, a low potential of hard epoxy-based thermosets brings about serious concerns about environmental issues.

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### Guest Editors

Dr. Krzysztof Formela

Department of Polymer Technology, Faculty of Chemistry, G.  
Narutowicza Str. 11/12, Gdańsk University of Technology, 80-233  
Gdańsk, Poland

Dr. Mohammad Reza Saeb

Department of Polymer Technology, Faculty of Chemistry, G.  
Narutowicza Str. 11/12, Gdańsk University of Technology, 80-233  
Gdańsk, Poland

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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