

Special Issue

Silicon-Containing Polymers

Message from the Guest Editors

Compared to classical organic compounds, silicones have unusual properties. Over the next eight years, the demand for silicones in the automotive industry is expected to grow at a similar rate as in the electrical and electronics industry. The aim of this Special Issue is to highlight the progress and fundamental aspects for the synthesis, characterization, properties, and application of silicon-containing polymers, as well as their copolymers, composites, and nanocomposites. Articles covering the following aspects of silicone-chemistry and technology are highly welcome:

- Novel synthetic procedures for silicone-containing polymers
- Novel silicone rubbers, silicone oils, silicon-containing polymers and polymer blends or co-polymers with silicone containing polymers
- Novel silicone-based materials and processing strategies
- Characterization techniques, novel analytical approaches and testing methods
- Applications of silicone-polymers

Guest Editors

Prof. Dr. Andreas Kandelbauer

Center for Process Analysis & Technology (PA&T), School of Applied Chemistry, Reutlingen University, Alteburgstrasse 150, 72762 Reutlingen, Germany

Prof. Günter Lorenz

1. Center for Process Analysis & Technology (PA&T), School of Applied Chemistry, Reutlingen University, Alteburgstrasse 150, 72762 Reutlingen, Germany
2. Reutlingen Research Institute (RRI), Reutlingen University, Alteburgstrasse 150, 72762 Reutlingen, Germany

Deadline for manuscript submissions

closed (20 December 2020)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/41350

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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 (General Chemistry)