



Polymer Foams: Materials, Processing and Properties

Guest Editors:

Prof. Dr.-Ing. Volker Altstädt

Department of Polymer
Engineering, University of
Bayreuth, Bayreuth, Germany

Mrs. Merve Aksit

Department of Polymer
Engineering, University of
Bayreuth, Bayreuth, Germany

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Message from the Guest Editors

Polymer foams are composed of a solid polymer phase and a dispersed gaseous phase. They are advantageous over solid materials due to their light weight, high energy absorption, excellent cushioning capabilities, and good insulating behavior. Applications of polymer foams are determined based on the foam density, for example as a sandwich core material. At present, the use of polymer foams in daily life is inevitable and thus there is a need for more research all over the world.

The main objective of this Special Issue is to bring up the most recent developments in different areas of foams based on thermoset, thermoplastic, and even syntactic polymers. Recent research on the foamability of various polymer matrices, on their design, processing, and fabrication, as well as on their morphology, properties, and sustainability (including recycling aspects) is given high priority in this Special Issue.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Remarkable contributions including research articles, communications, and reviews from experts all over the world are all welcome.





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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

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

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