



Aging of Polymer Material

Guest Editor:

Prof. Dr. Rui Yang

Department of Chemical
Engineering, Tsinghua University,
Beijing 100084, China

Deadline for manuscript
submissions:

closed (25 September 2023)

Message from the Guest Editor

Polymeric materials have been widely used in nearly all civil and industrial applications, including packaging, coatings and waterproof materials in buildings, front panels, seats and tires in cars, gears and seals in industrial equipment, agriculture films, etc. In the past decade, new functional materials have been emerging, especially in new energy resources, environmental protection and sustainable development. The aging of polymeric materials is, therefore, increasingly concerned either with long-life constructional and functional or degradable and recyclable products. Consequently, a material can be used safely or designed and developed with a balanced high-performance and controllable lifetime.

This Special Issue focuses on the aging research of polymeric materials, including, but not limited to, their aging behavior and mechanisms, aging status monitoring, stability evaluation methods and instruments, and the lifetime prediction, calculation and simulation addressing challenges posed by current and future materials.





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Prof. Dr. Alexander Böker

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

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