Fluorinated Polymers

Message from the Guest Editor

It is well known that fluorinated polymers, such as poly(tetrafluoroethylene), poly(vinylidne fluoride) and poly(chlorotrifluoroethylene/vinylether), are functional materials as they exhibit excellent chemical and thermal stability, low surface energy and low refractive index and dielectric constant. Partially fluoroalkylated polymers, such as fluoroalkyl acrylate polymers and fluoroalkyl end-capped polymers (oligomers), also have high potential in practical applications in a wide range of fields. In addition, studies on the composite reactions of these fluorinated polymers with numerous inorganic materials are of particular interest from the developmental viewpoints of novel fluorinated high-performance materials. Thus, industrial and academic scientists, and researchers, including graduate students, will obtain useful information from this Special Issue on “Fluorinated Polymers”.

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Editor-in-Chief

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertecnologien
Universität Potsdam, Germany

Message from the Editor-in-Chief

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Contact Us

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

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

polymers@mdpi.com
@Polymers_MDPI