



Smart and Modern Thermoplastic Polymer Materials

Guest Editor:

Prof. Dr. Andrea Pucci

Department of Chemistry and
Industrial Chemistry, University
of Pisa, Via G. Moruzzi 13, 56124
Pisa, Italy

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Message from the Guest Editor

The Special Issue covers fundamental research and applications of modern thermoplastic materials within novel scopes related to self-healing materials, energy harvesting and sensors. The use of thermoplastic polymers with smart features is widespread, ranging from polymers for photovoltaics, to optical sensing, nanocomposites with graphitic fillers, thermoreversible materials, and many others.

Papers are aimed at highlighting the latest research in the area or summarizing selected areas of the different topics. The preparation of smart thermoplastic polymers including polymer nanocomposites, their detailed characterization and their ultimate applications are reported and discussed to provide the most illustrative information.

Different properties and applications are intertwined throughout the Special issue. All of the authors contribute examples of modern and smart thermoplastic polymer materials that are relevant and illustrative for academic scientists, researchers and industry.





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Editor-in-Chief

Prof. Dr. Alexander Böker

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

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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