



Injection Molding of Polymers and Polymer Composites

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Message from the Guest Editors

Dear Colleagues,

Injection molding of filler-loaded polymer composites is a versatile way to fabricate multifunctional components or structural parts for applications in the fields of automotive, biomedical, electronics, packaging, aerospace etc. Processing methods of interest include conventional injection molding, foam injection molding, reaction injection molding, ultrasonic-assisted injection molding and microinjection molding, as developed to suit the needs for the above-mentioned sectors. The properties of the molded parts are primarily determined by the distribution of functional fillers which can be affected by the types of fillers and host matrices, part geometry, and processing conditions. This Special Issue is dedicated to providing a forum for the injection molding of filler-containing polymer composites with a focus on state-of-the-art progress, development, and new trends. Perspectives, review articles, full papers, short communication, and technical papers on this topic are welcome.

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Guest Editors





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