



Polymer Processing: Modeling and Correlations Finalized to Tailoring the Plastic Part Morphology and Properties

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Deadline for manuscript
submissions:

closed (31 January 2019)

Message from the Guest Editors

The analysis of polymer processing operations is a very wide and complex subject; indeed, during polymer processing, viscoelastic fluids are forced to deform into desired geometries using non-homogeneous velocity and temperature fields down to solidification.

Depending on the operating conditions, the properties of the final part can change even more than one order of magnitude.

The aim of this Special Issue is to select progresses or reviews in the understanding/description of the phenomena involved along the chain: Processing–morphology–properties.

Keywords

- polymer processing
- modeling morphology evolution
- morphology of polymeric parts in relation to their processing
- morphology-properties relationships of polymeric parts
- polymeric part properties





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Message from the Editor-in-Chief

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