

Editorial

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Special issue: Polymer engineering rheology

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Rheology, the science that studies the flow and deformation of complex materials, plays a crucial role in polymer engineering. On the one hand, rheology is essential in defining the response of the polymeric material under processing conditions. This has been the main role of rheology in polymer engineering for almost a century. On the other hand, more recently, rheology has become a very important, if not indispensable tool to unveil the microstructure of polymeric materials in the melt, solution and gel states, thus contributing to the development of new polymeric materials for engineering applications.

The aim of this special issue of *Journal of Polymer Engineering* is to pay a tribute to rheology and to its role in the polymer science and technology area. The issue contains eight contributions coming from all over the world and from both academia and industry. The ample variety of the topics addressed confirms that rheology is still very much alive and determinant for the advancement of the polymer engineering culture.

We would like to thank all of the authors for their contributions to this special issue. Also, we take this opportunity to thank the journal's editorial office for the valuable help in processing the manuscripts received for this special issue.

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