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978-1-107-41018-3 - Macromolecular Liquids: Materials Research Society Symposium

Proceedings: Volume 177

Editors: Cyrus R. Safinya, Samuel A. Safran and Philip A. Pincus

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MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS VOLUME 177

Macromolecular Liquids

Symposium held November 27-December 1, 1989, Boston,
Massachusetts, U.S.A.

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MATERIALS RESEARCH SOCIETY

Pittsburgh, Pennsylvania

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Cambridge, New York, Melbourne, Madrid, Cape Town,
Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press

32 Avenue of the Americas, New York NY 10013-2473, USA

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org

Information on this title: www.cambridge.org/9781107410183

Materials Research Society

506 Keystone Drive, Warrendale, PA 15086

<http://www.mrs.org>

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First published 1990

First paperback edition 2012

Single article reprints from this publication are available through
University Microfilms Inc., 300 North Zeeb Road, Ann Arbor, MI 48106

CODEN: MRSPDH

ISBN 978-1-107-41018-3 Paperback

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Preface

This is the proceedings of a new MRS symposium presented at the 1989 MRS Fall Meeting, November 27-December 1, 1989, Boston, dealing with the interdisciplinary subject of Macromolecular Liquids which includes a broad range of material systems which are of high scientific and technological interest. Generally speaking, these are partially ordered or disordered phases where the individual molecular species have organized themselves on length scales which are larger than simple fluids, typically between 10 Angstroms and several microns. The specific systems which include membranes, microemulsions, micelles, liquid crystals, colloidal suspensions, and polymers, have a major impact on a broad spectrum of technological industries such as displays, plastics, soap and detergents, chemicals and petroleum, and pharmaceuticals.

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Acknowledgments

We wish to thank Exxon Research and Engineering for the sponsorship of this symposium and especially Dr. Roger Cohen, Dr. Ron Chance and MRS president, Dr. Russ Chianelli, for their support and encouragement.

As Conference Organizers we are indebted to the MRS Committee which worked tirelessly to accommodate the attendees and to ensure the smooth running of the sessions.

The preparation of this volume was aided by Dot Fazekas of the Exxon Corporate Research Laboratories.

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