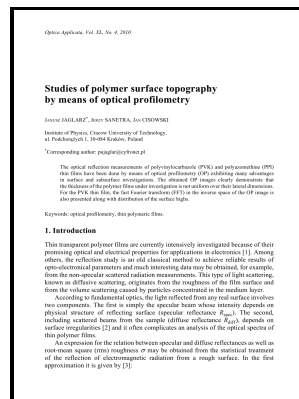


# Polymer surfaces from physics to technology

**Wiley - Polymer surfaces from physics to technology. By Fabio Garbassi, Macro Morra, and Ernesto Occhiello, Wiley, New York, 1994, 462 pp., \$95.00, Aiche Journal**



Description: -

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Human beings

Solidarity

Language readers

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-Polymer surfaces from physics to technology

Notes: Includes bibliographical references and index.

This edition was published in 1994



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## Polymer Surface From Physics to Technology (Book Review)

Ernesto Occhiello is the author of Polymer Surfaces: From Physics to Technology, Revised and Updated Edition, published by Wiley. Aiche Journal, 42 9, 2699-2700.

**Polymer Surfaces: From Physics to Technology : Garbassi, Fabio, Morra, Marco, Occhiello, Ernesto: satis.farmjournal.com.au: Books**

The authors have revised and updated the content and added recent references. Polymer Surfaces: From Physics to Technology is divided into four main sections.

## Polymer Surfaces: From Physics to Technology

Marco Morra is the author of Polymer Surfaces: From Physics to Technology, Revised and Updated Edition, published by Wiley. Their goal is to present a comprehensive treatise on the subject that starts from a consideration of the fundamental physical principles that dictate polymer surface properties and proceeds to review important aspects of real-world applications.

**Polymer surfaces from physics to technology. By Fabio Garbassi, Macro Morra, and Ernesto Occhiello, Wiley, New York, 1994, 462 pp., \$95.00, Aiche Journal**

From the Inside Flap This is a revised and updated edition of the highly popular Polymer Surfaces first published in 1994. As the authors state in their preface, the science and technology of polymer surfaces have grown rapidly, resulting in a prolific body of literature that is spread over a large number of journals that deal with a number of different fields. This updated paperback edition of this well-received, popular book presents a comprehensive approach to all aspects of polymer surfaces, from fundamental theory through applications, making it essential reading for everyone studying or working with polymers.

**Polymer Surfaces : From Physics to Technology by Marco Morra, Fabio Garbassi and Ernesto Occhiello (1997, Trade Paperback,**

**Revised edition) for sale online**

It is strongly recommended as both textbook and reference source. Part I11 describes a wide range of surface modification techniques, both physical and chemical. The final part deals with the technological and scientific aspects of surfaces which influence applications.

**Polymer Surfaces: From Physics to Technology : Garbassi, Fabio, Morra, Marco, Occhiello, Ernesto: [satis.farmjournal.com.au](http://satis.farmjournal.com.au): Books**

This updated paperback edition of this well-received, popular book presents a comprehensive approach to all aspects of polymer surfaces, from fundamental theory through applications, making it essential reading for everyone studying or working with polymers. The chapter continues by highlighting the effects of structural interactions at interfaces, such as ordering at short distances due to geometrical constraints and solvation forces, and steric forces between adsorbed polymer layers. At the margin, manufacture becomes more difficult, such that a clearer understanding of fundamental physical and mechanical parameters is required to enable better control and optimisation of processing conditions, product properties and product quality.

**Polymer surfaces: from physics to technology. F. Garbassi, M. Morra and E. Ochiello. John Wiley and Sons, Chichester, 1994. pp. ix+462, £60.00. ISBN 0-471-93817-3, Polymer International**

As such, the content is geared more towards the basic understanding of physical behaviour than foam manufacturing.

**Polymer Surfaces: From Physics to Technology**

Chapman and Hall, London, 1994. It is divided into 13 chapters, grouped in four parts. The book begins with a chapter on the origin of surface properties that entails a brief review of surface forces.

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