



An Introduction to Polymer Physics

By *David I. Bower*

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Assuming no previous knowledge of polymers, this book provides a general introduction to the physics of solid polymers. Covering a wide range of topics within the field of polymer physics, the book begins with a brief history of the development of synthetic polymers and an overview of the methods of polymerization and processing. In the following chapter, David Bower describes important experimental techniques used in the study of polymers. The main part of the book, however, is devoted to the structure and properties of solid polymers, including blends, copolymers and liquid crystal polymers.

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An Introduction to Polymer Physics By David I. Bower Bibliography

- Sales Rank: #4265088 in Books
- Brand: Brand: Cambridge University Press
- Published on: 2002-06-17
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x .94" w x 7.44" l, 2.27 pounds
- Binding: Paperback
- 468 pages

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Review

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"The language used is rigorous, but the writing is very clear, and coherent from section to section.... For practitioners of polymer and materials science, this book will be a great asset for teaching." *American Journal of Physics*

About the Author

David Bower received his D. Phil from the University of Oxford in 1964. In 1990 he became a Reader in the Department of Physics at the University of Leeds, retiring from this position in 1995.

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