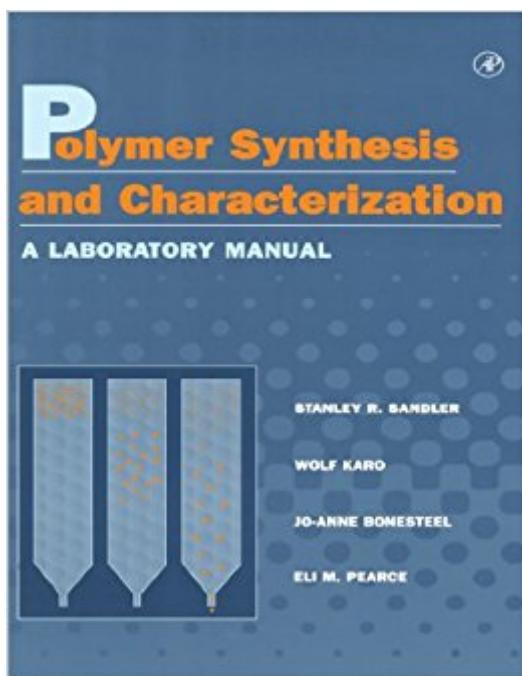


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# Polymer Synthesis And Characterization: A Laboratory Manual



## Synopsis

This laboratory manual covers important techniques for polymer synthesis and characterization, and provides newcomers with a comprehensive introduction to the basic principles of highlighted techniques. The reader will benefit from the clear writing style and straightforward approach to fairly complex ideas. The book also provides references that the more advanced reader can use to obtain in-depth explanations of techniques. *Polymer Synthesis and Characterization* will serve as a useful resource for industrial technicians and researchers in polymer chemistry and physics, material science, and analytical chemistry. Combines the extensive industrial and teaching experience of the authors. Introduces the user to the concept of "Good Manufacturing Practice". Presents experiments that are representative of a wide variety of polymerization and characterization methods. Includes numerous references for more advanced students, technicians, and researcher.

## Book Information

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## Customer Reviews

"...recommended for organizers of practical courses in polymer chemistry and for the students taking part in these courses. It provides useful advice on planning and managing appropriate experiments, and gives a comprehensive introduction to important techniques for polymer synthesis and characterization. A very positive feature is the clear writing style and the straightforward approach to concepts and procedures." --ANGEWANDTE CHEMIE, Vol. 38, No. 18, 1999

This laboratory manual provides a comprehensive introduction to an array of important techniques

for polymer synthesis and characterization. The experiments are designed to be completed in one laboratory period using limited quantities of materials to reduce the costs and disposal problems, and were reviewed for classroom use at Polytechnic University. Students will benefit from the clear writing style and straightforward approach to concepts and procedures, while more advanced readers will appreciate the emphasis on fundamental principles and references to more in-depth explanations of the techniques. Polymer Synthesis and Characterization will serve as a unified laboratory manual for university courses as well as professional training courses in polymer science. Key Features Combines the extensive industrial and teaching experience of the authorsIntroduces the user to the concept of "Good Manufacturing Practice"Presents experiments that are representative of a wide variety of polymerization and characterization methodsIncludes numerous references for more advanced students, technicians, and researchers

OK

good but slightly under expectations after reading the toc.

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