

The book was found

Comprehensive Desk Reference Of Polymer Characterization And Analysis (ACS Symposium Series)



Synopsis

This book is a practical manual for those who analyze polymers. Self-contained chapters describe when a technique should be selected, explain its basic principles, describe how instruments are constructed and operated, and teach how the data obtained relate to molecular structure and physical properties. Many clear illustrations are included. Implicit memory refers to a change in task performance due to an earlier experience that is not consciously remembered. This book is not a research manual but rather a guide to performing and understanding polymer characterization and an introduction to the specialized literature of the analytical chemistry of polymers. The techniques covered are directly relevant to the characterization of synthetic polymers such as adhesives, sealants, polymers, composites, coatings, elastomers, rubber, and other nonmetallic materials. Many techniques are also quite useful for natural and biological polymers.

Book Information

Series: ACS Symposium Series

Hardcover: 772 pages

Publisher: American Chemical Society; 1 edition (October 16, 2003)

Language: English

ISBN-10: 0841236658

ISBN-13: 978-1402056604

Product Dimensions: 11.3 x 1.6 x 8.4 inches

Shipping Weight: 3.9 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #3,063,984 in Books (See Top 100 in Books) #65 in Books > Science & Math > Chemistry > Polymers & Macromolecules #891 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #2137 in Books > Science & Math > Chemistry > Organic

Customer Reviews

Working at a university I have access to a plethora of texts on polymers. While developing a new technique in our lab I turned to this book along with several others on polymer microscopy and imaging, but I found this one so useful that I went out and bought myself a copy the next day. While it is expensive, this book is truly worth the price. In the age of the internet the importance of comprehensive desk references such as this one have been overlooked. However, there is something to be said for having the information on hand all the time. This book covers most of the

major techniques for polymer characterization, including a number of microscopic techniques. It explains the science behind how the techniques work and suggests specific applications for polymer work. In short, while you may not need this book everyday, when you are trying to teach yourself a new technique you will thank yourself for having invested in this.

[Download to continue reading...](#)

Comprehensive Desk Reference of Polymer Characterization and Analysis (ACS Symposium Series) Experimental Organometallic Chemistry: A Practicum in Synthesis and Characterization (ACS Symposium Series 357) Ultraviolet Light Induced Reactions in Polymers: Symposium Proceedings (ACS symposium series ; 25) Polymer Characterization: Physical Property, Spectroscopic, and Chromatographic Methods (ACS Advances in Chemistry) 2017 Physicians' Desk Reference 71st Edition (Physicians' Desk Reference (Pdr)) 2011 Physicians' Desk Reference (Library/Hospital Version) (Physicians' Desk Reference (Pdr)) Silicon-Based Polymer Science: A Comprehensive Resource (ACS Advances in Chemistry) Polymer Characterization: Laboratory Techniques and Analysis Formulation and Delivery of Proteins and Peptides (ACS Symposium Series) Chromatography and Separation Chemistry: Advances and Developments (ACS Symposium Series) Vitritite Reflectance As a Maturity Parameter: Applications and Limitations (ACS Symposium Series) Marine Toxins: Origin, Structure, and Molecular Pharmacology (Acs Symposium Series) Photopolymerization: Fundamentals and Applications (ACS Symposium Series) Molecular Bioenergetics: Simulations of Electron, Proton, and Energy Transfer (ACS Symposium Series) Chemistry of Wine Flavor (ACS Symposium Series, No. 714) Low-Energy Nuclear Reactions Sourcebook (ACS Symposium Series) Controlled-Release Technology: Pharmaceutical Applications (Acs Symposium Series) Heteroatomic Aroma Compounds (ACS Symposium Series) Inosine Monophosphate Dehydrogenases: A Major Therapeutic Target (ACS Symposium Series) Laser Chemistry of Organometallics (ACS Symposium Series)

[Dmca](#)