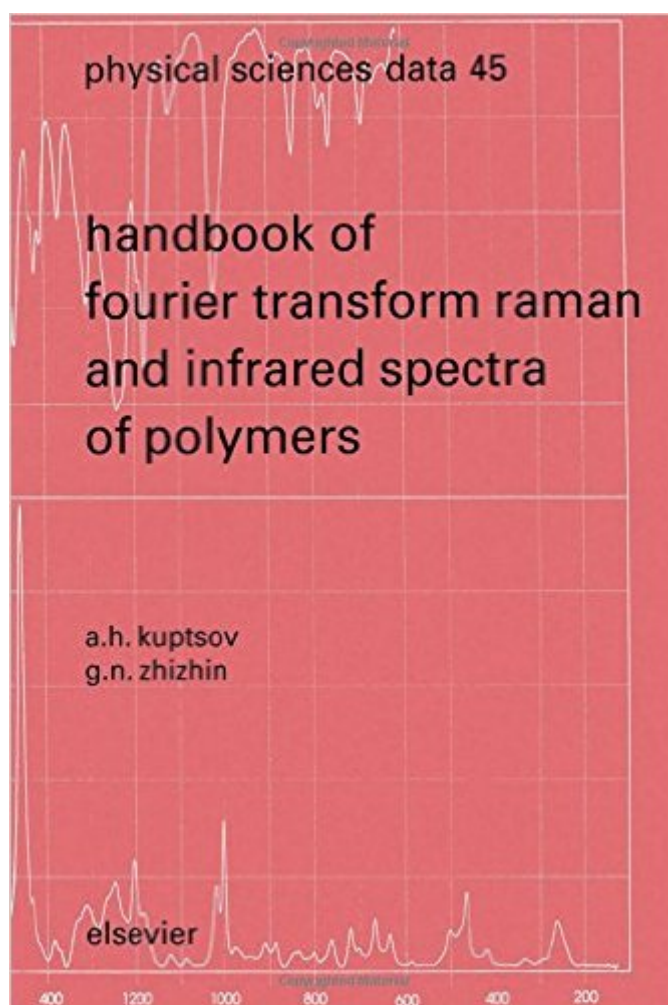


The book was found

# Handbook Of Fourier Transform Raman And Infrared Spectra Of Polymers, Volume 45 (Physical Sciences Data)



## Synopsis

A collection of infrared and Raman spectra of 500 natural and synthetic polymers of industrial importance is presented in this book. A large variety of compounds are included, starting with linear polyolefins and finishing with complex biopolymers and related compounds. The spectra were registered using Infrared Fourier Transform Spectrometers in the laboratory of the All-Russia Institute of Forensic Sciences. The IR and Raman spectra are presented together on the same sheet. The accompanying data include general and structure formulae, CAS register numbers, and sample preparation conditions. Features of this book:

- Continues the long tradition of publishing specific and standard data of new chemical compounds.
- For low-molecular weight substances, complementary IR and Raman spectra are featured on the same sample and printed on the same page. This "fingerprint" data allows the substance of the sample to be identified without doubt.
- An important feature of this unique collection of data is the increase in the identification precision of unknown substances.
- Peak tables are available in digital (ASCII) format, on a diskette delivered with the book. This allows the user to search for unknowns.
- All the spectra in the collection are base-line corrected.

This book will be of interest to scientists involved in the synthesis of new polymeric materials, polymer identification, and quality control. Libraries of scientific institutes, research centers, and universities involved in vibrational spectroscopy will also find this collection invaluable.

## Book Information

Series: Physical Sciences Data (Book 45)

Hardcover: 536 pages

Publisher: Elsevier Science; 1 edition (November 12, 1998)

Language: English

ISBN-10: 0444826203

ISBN-13: 978-0444826206

Product Dimensions: 8.7 x 1 x 9.1 inches

Shipping Weight: 4.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,191,579 in Books (See Top 100 in Books) #101 in Books > Science &

Math > Chemistry > Polymers & Macromolecules #353 in Books > Science & Math >

Experiments, Instruments & Measurement > Microscopes & Microscopy #505 in Books >

Engineering & Transportation > Engineering > Chemical > Plastics

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

Handbook of Fourier Transform Raman and Infrared Spectra of Polymers, Volume 45 (Physical Sciences Data) Infrared and Raman Spectra of Inorganic and Coordination Compounds, Applications in Coordination, Organometallic, and Bioinorganic Chemistry Infrared and Raman Spectra of Inorganic and Coordination Compounds, Part B: Applications in Coordination, Organometallic, and Bioinorganic Chemistry, 5th Edition Molecular Vibrations: The Theory of Infrared and Raman Vibrational Spectra (Dover Books on Chemistry) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business Leveraging the Power of Data Analytics, Data Science, ... (Hacking Freedom and Data Driven Book 2) The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules Physical Properties of Polymers Handbook (AIP Series in Polymers & Complex Materials) Data Architecture: A Primer for the Data Scientist: Big Data, Data Warehouse and Data Vault The Data Revolution: Big Data, Open Data, Data Infrastructures and Their Consequences Big Data For Beginners: Understanding SMART Big Data, Data Mining & Data Analytics For improved Business Performance, Life Decisions & More! Fourier Series, a Modern Introduction, Volume 1 (Springer Advanced Texts in Life Sciences) Handbook of Raman Spectroscopy: From the Research Laboratory to the Process Line (Practical Spectroscopy) Polymers: Physical Properties, (Methods in Experimental Physics Volume 16 Part C) Physical Pharmacy: Physical Chemical Principles in the Pharmaceutical Sciences Photodegradation of Polymers: Physical Characteristics and Applications Big Data, MapReduce, Hadoop, and Spark with Python: Master Big Data Analytics and Data Wrangling with MapReduce Fundamentals using Hadoop, Spark, and Python LEARN IN A DAY! DATA WAREHOUSING. Top Links and Resources for Learning Data Warehousing ONLINE and OFFLINE: Use these FREE and PAID resources to Learn Data Warehousing in little to no time Discovering Knowledge in Data: An Introduction to Data Mining (Wiley Series on Methods and Applications in Data Mining) Data Just Right: Introduction to Large-Scale Data & Analytics (Addison-Wesley Data and Analytics) Spectra and Pseudospectra: The Behavior of Nonnormal Matrices and Operators

[Dmca](#)