



Zeolites: Science and Technology

By -

Springer. Paperback. Book Condition: New. Paperback. 712 pages. Dimensions: 9.2in. x 6.1in. x 1.6in. Zeolites have been the focus of intensive activity and growth in applications over the past 25 years in ion exchange, in adsorption and in catalytic process technology. Beginning with the synthetic zeolites A, X and Y, continuing into the emerging ZSM series, and including selected natural zeolites, applications span the range from large-scale purification and separation to such major petroleum and petrochemical processes as catalytic cracking and aromatics alkylation. The future promises several new areas of significant use as our energy resource base is expanded. As a result, a NATO Advanced Study Institute on Zeolites was held in Alcabideche, Portugal, May 1-12, 1983. Its purpose was to summarize the state-of-the-art in zeolite science and technology, with particular emphasis on recent developments. This summary is intended to complement presentations of the latest research results at the 1983 International Zeolites Association meeting in Reno, Nevada - USA. Both the fundamentals concepts and industrial applications are addressed in the lectures of the Institute. Individual chapters cover historical development, structure, crystallography and synthesis techniques. Basic principles of adsorption, diffusion, ion exchange and acidity are reviewed. A section on...



READ ONLINE
[5.01 MB]

Reviews

This book is great. I have go through and so i am confident that i will going to read through once again again in the future. I am just easily can get a satisfaction of looking at a written book.

-- **Miss Vernie Schimmel**

The book is easy in study easier to comprehend. I have study and that i am certain that i will gonna read once again once again in the foreseeable future. Your lifestyle span will likely be transform the instant you comprehensive reading this pdf.

-- **Dr. Jaydon Mosciski**