

NMR

OF POLYMERS

FRANK A. BOVEY & PETER A. MIRAU

AT&T Bell Laboratories, Murray Hill, New Jersey

NMR spectroscopy is a powerful technique that has advanced our understanding of structure-property relationships in polymers. The contributions to polymer science from NMR studies range from the molecular level characterization of polymer microstructure to the solid-state NMR analysis of polymer chain conformation and dynamics.

This book provides an up-to-date and comprehensive overview of the fundamentals of NMR and the applications to polymer science, including the microstructural characterization of polymers in solution, the solid-state NMR of polymers, the molecular dynamics of polymers, and the application of multidimensional NMR to polymers. **NMR of Polymers** is written by leading authorities for graduate students and professionals in academia and industry.

Key Features

- Provides comprehensive overview of NMR in polymer science
- Covers multidimensional NMR
- Includes new solution and solid-state methods
- Addresses chain conformation and dynamics



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