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Sommario/riassunto

This comprehensive volume focuses on the chemical physics of polymer processing, emphasizing morphology, structure, and rheology. Edited by Vera V. Myasoedova, Sabu Thomas, and Hanna J. Maria, it offers a detailed exploration of the classification, synthesis, and applications of polymers enhanced by various nanomaterials. The book covers a range of topics, including the use of nanofillers, nanoparticles, and nanocellulose in polymers, with discussions on their chemical properties and processing techniques. It aims to provide researchers, academics, and industry professionals with valuable insights into advanced polymer manufacturing methods and their applications in fields such as biomedical engineering and energy storage.
