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Sommario/riassunto	First published in 2002, from an original 1964 edition, in the Crystallization of Polymers, 2nd edition Leo Mandelkern provides a self-contained treatment of polymer crystallization. All classes of macromolecules are included and the approach is through the basic disciplines of chemistry and physics. The book discusses the

thermodynamics and physical properties that accompany the morphological and structural changes that occur when a collection of molecules of very high molecular weight are transformed from one state to another. Volume 1 is a presentation of the equilibrium concepts that serve as a basis for the subsequent volumes. In this volume the author shows that knowledge of the equilibrium requirements is vital to understanding all aspects of the polymer crystallization process, and the final state that eventually evolves. This book will be an invaluable reference work for all chemists, physicists and materials scientists who work in the area of polymer crystallization.

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