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Sommario/riassunto

This book, 'Thermoforming: Processing and Technology,' provides a comprehensive examination of thermoforming technologies, focusing on the methods, materials, and applications relevant to the industry. It delves into the physics and chemistry of polymers, detailing both natural and synthetic types, and explores the various thermoforming processes such as vacuum forming, pressure forming, and plug-assist forming. The book also covers the properties of thermoplastic sheet materials, including molecular structure and thermal properties, and addresses the optimization and quality analysis of thermoformed products. It is aimed at professionals and students in the fields of materials science and engineering, providing insights into industrial applications and market trends.