The Science And Technology Of Flexible Packaging: Multilayer Films From Resin And Process To End Use (Plastics Design Library)

Synopsis

The Science and Technology of Flexible Packaging: Multilayer Films from Resin and Process to End Use provides a comprehensive guide to the use of plastic films in flexible packaging, covering scientific principles, properties, processes, and end use considerations. The book brings the science of multilayer films to the practitioner in a concise and impactful way, presenting the fundamental understanding required to improve product design, material selection, and processes, and includes information on why one material is favored over another for a particular application, or how the film or coating affects material properties. Detailed descriptions and analysis of the key properties of packaging films are provided from both an engineering and scientific perspective. End-use effects are also covered in detail, providing key insights into the way the products being packaged influence film properties and design. The book bridges the gap between key scientific literature and the practical challenges faced by the flexible packaging industry, providing essential scientific insights, best practice techniques, environmental sustainability information, and key principles of structure design to enable engineers and scientists to deliver superior products with reduced development time and cost.Provides essential information on all aspects of multilayer films in flexible packagingAids in material selection and processing, shortening development times and delivering stronger productsBridges the gap between scientific principles and key challenges in the packaging industry, with practical explanations to assist practitioners in overcoming those challenges

Book Information

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Customer Reviews

Barry A. Morris is a technical fellow at DuPont with over 30 years of experience in packaging innovation and technology. He has had a variety of roles supporting DuPontÃ¢â ¬â„¢s ethylene copolymer business, including technical service, application development and R&D. He holds ten U.S. patents and has written for over 100 publications. He is a Fellow of the Society of Plastics Engineers, a long time board member and past chair of the SPE Extrusion Division, and a founding member and current chair of the SPE Flexible Packaging Division. A longtime member of TAPPI, he won the PLACE DivisionÃ¢â ¬â„¢s technology award in 2005 in recognition of his outstanding contributions to the advancement of flexible packaging technology.

It is good reference for people who engage in flexible packaging industry. It covers almost every process with explanation from the experienced people in the industry.

Them on Today’s Hottest Source - The Internet Magill’s Survey of Cinema: English Language Films 4 Vol set (Magill’s Survey of Cinema - English Films (1st Series) , So4) Handbook of Molded Part Shrinkage and Warpage, Second Edition (Plastics Design Library)