DESCRIPTION

The complete and authoritative guide to modern packaging technologies —updated and expanded

From A to Z, The Wiley Encyclopedia of Packaging Technology, Third Edition covers all aspects of packaging technologies essential to the food and pharmaceutical industries, among others. This edition has been thoroughly updated and expanded to include important innovations and changes in materials, processes, and technologies that have occurred over the past decade. It is an invaluable resource for packaging technologists, scientists and engineers, students and educators, packaging material suppliers, packaging converters, packaging machinery manufacturers, processors, retailers, and regulatory agencies.

In addition to updating and improving articles from the previous edition, new articles are also added to cover the recent advances and developments in packaging. Content new to this edition includes:

• Advanced packaging materials such as antimicrobial materials, biobased materials, nanocomposite materials, ceramic-coated films, and perforated films

• Advanced packaging technologies such as active and intelligent packaging, radio frequency identification (RFID), controlled release packaging, smart blending, nanotechnology, biosensor technology, and package integrity inspection

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Various aspects important to packaging such as sustainable packaging, migration, lipid oxidation, light protection, and intellectual property

Contributions from experts in all-important aspects of packaging

Extensive cross-referencing and easy-to-access information on all subjects

Large, double-column format for easy reference

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**ABOUT THE AUTHOR**

**KIT L. YAM, P HD,** is Professor and Graduate Program Director of the Department of Food Science at Rutgers University. In this encyclopedia, he brings many years of teaching, research, and consulting experience in packaging to provide a wealth of information and knowledge useful for readers to tackle real-world packaging problems.

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