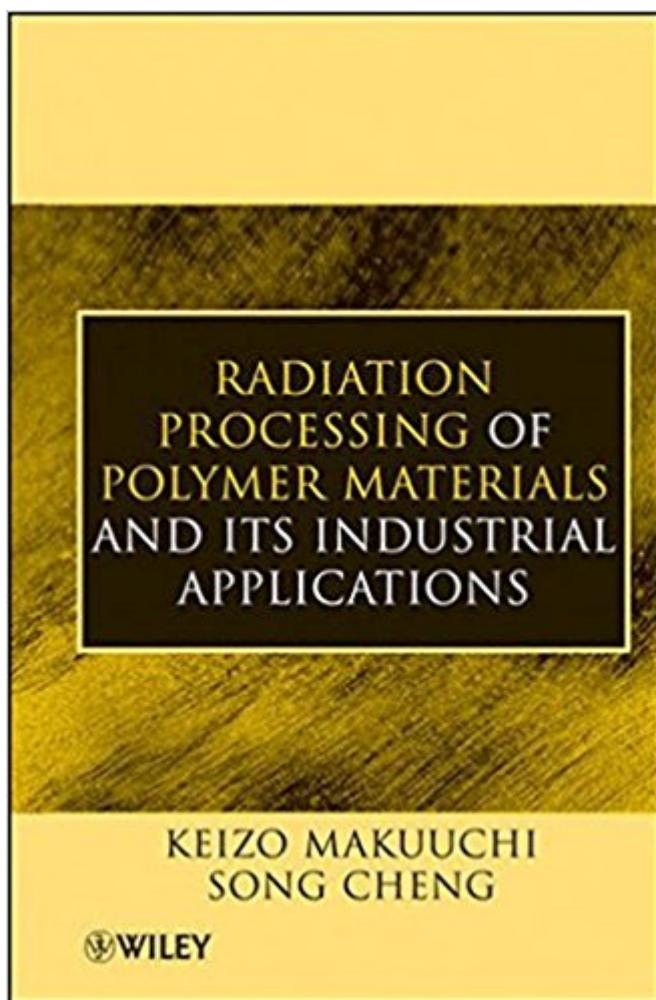


The book was found

Radiation Processing Of Polymer Materials And Its Industrial Applications



Synopsis

Up-to-date, comprehensive coverage on radiation-processed polymer materials and their applications Offering a unique perspective of the industrial and commercial applications of the radiation processing of polymers, this insightful reference examines the fundamental scientific principles and cutting-edge developments advancing this diverse field. Through a variety of case studies, detailed examples, and economic feasibility analysis, *Radiation Processing of Polymer Materials and Its Industrial Applications* systematically explains the commercially viable ways to process and use radiation-processed polymeric materials in industrial products. In addition, this one-of-kind text: Covers important chemistry and processing fundamentals, while emphasizing their translation into practical applications of radiation-processed polymers Incorporates new applications in nanotechnology, biomaterials, and recycling Systematically discusses new developments in the field and summarizes past achievements By helping readers—from students to scientists, engineers, technicians, and sales and marketing professionals—understand and solve problems associated with radiation processing of polymers, *Radiation Processing of Polymer Materials and Its Industrial Applications* serves as an essential reference and fills an important gap in the literature.

Book Information

Hardcover: 444 pages

Publisher: Wiley; 1 edition (February 7, 2012)

Language: English

ISBN-10: 0470587695

ISBN-13: 978-0470587690

Product Dimensions: 6.3 x 1.2 x 9.3 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #901,174 in Books (See Top 100 in Books) #61 in Books > Engineering & Transportation > Engineering > Chemical > Plastics #69 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing #225 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

Customer Reviews

Up-to-date, comprehensive coverage on radiation-processed polymer materials and their

applications Offering a unique perspective of the industrial and commercial applications of the radiation processing of polymers, this insightful reference examines the fundamental scientific principles and cutting-edge developments advancing this diverse field. Through a variety of case studies, detailed examples, and economic feasibility analysis, *Radiation Processing of Polymer Materials and Its Industrial Applications* systematically explains the commercially viable ways to process and use radiation-processed polymeric materials in industrial products. In addition, this one-of-kind text:

- Covers important chemistry and processing fundamentals, while emphasizing their translation into practical applications of radiation-processed polymers
- Incorporates new applications in nanotechnology, biomaterials, and recycling
- Systematically discusses new developments in the field and summarizes past achievements
- By helping readers—from students to scientists, engineers, technicians, and sales and marketing professionals—understand and solve problems associated with radiation processing of polymers, *Radiation Processing of Polymer Materials and Its Industrial Applications* serves as an essential reference and fills an important gap in the literature.

KEIZO MAKUCHI is the Representative of EB System Consulting Office and an internationally renowned expert in the field of radiation chemistry and radiation processing of polymers. Dr. Makuuchi worked for Japan Atomic Energy Research Institute and EB System Corporation for forty years. He has authored or coauthored ten books on radiation chemistry and has contributed to more than 200 scientific publications. SONG CHENG is the founder of Song Cheng International, a consulting company. He has over fourteen years of extensive experience in radiation processing of polymer materials. Mr. Cheng is the author of over twenty journal articles and is the inventor of six patents.

[Download to continue reading...](#)

Radiation Processing of Polymer Materials and Its Industrial Applications
Polymer Clay: The Ultimate Beginners Guide to Creating Animals in 30 Minutes or Less! (Polymer Clay - Polymer Clay for Beginners - Clay - Polymer Clay Animals - Polymer Clay Jewelry - Sculpture)
The Wonders of the Colorado Desert (Southern California), Vol. 1 of 2: Its Rivers and Its Mountains, Its Canyons and Its Springs, Its Life and Its ... Journey Made Down the Overflow of the Colorado Polymer Clay
Popsicles & Ice Cream: Polymer Clay Kawaii Food Charms (Polymer Clay Kawaii Charms Book 1)
Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases.
Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer

Engineering and Technology) The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Polymer Nanocomposites: Processing, Characterization, And Applications (McGraw-Hill Nanoscience and Technology) Industrial Fluid Power, Vol. 1: Basic Text on Hydraulics, Air & Vacuum for Industrial and Mobile Applications Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Industrial Plasma Engineering: Applications to Nonthermal Plasma Processing, Vol. 2 Symbolism, Its Origins and Its Consequences (Art, Literature and Music in Symbolism, Its Origins and Its) Atoms, Radiation, and Radiation Protection Atoms, Radiation, and Radiation Protection, 2nd Edition Treatment Planning in the Radiation Therapy of Cancer (Frontiers of Radiation Therapy and Oncology, Vol. 21) (v. 21) Radiation Nation: Fallout of Modern Technology - Your Complete Guide to EMF Protection & Safety: The Proven Health Risks of Electromagnetic Radiation (EMF) & What to Do Protect Yourself & Family Deformation and Fracture Behaviour of Polymer Materials (Springer Series in Materials Science) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Engineering Materials 2: An Introduction to Microstructures, Processing and Design (International Series on Materials Science and Technology) (v. 2) Processing Techniques and Tribological Behavior of Composite Materials (Advances in Chemical and Materials Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)