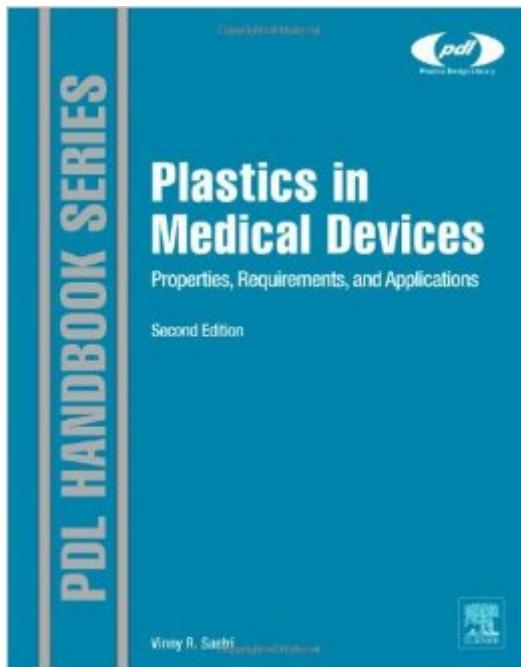


The book was found

# Plastics In Medical Devices, Second Edition: Properties, Requirements, And Applications (Plastics Design Library)



## Synopsis

Plastics in Medical Devices is a comprehensive overview of the main types of plastics used in medical device applications. It focuses on the applications and properties that are most important in medical device design, such as chemical resistance, sterilization capability and biocompatibility. The roles of additives, stabilizers, and fillers as well as the synthesis and production of polymers are covered and backed up with a wealth of data tables. Since the first edition the rate of advancement of materials technology has been constantly increasing. In the new edition Dr. Sastri not only provides a thorough update of the first edition chapters with new information regarding new plastic materials, applications and new requirements, but also adds two chapters â€“ one on market and regulatory aspects and supplier controls, and one on process validation. Both chapters meet an urgent need in the industry and make the book an all-encompassing reference not found anywhere else. Comprehensive coverage of uses of polymers for medical devices. Unique coverage of medical device regulatory aspects, supplier control and process validation. Invaluable guide for engineers, scientists and managers involved in the development and marketing of medical devices and materials for use in medical devices.

## Book Information

Series: Plastics Design Library

Hardcover: 336 pages

Publisher: William Andrew; 2 edition (December 5, 2013)

Language: English

ISBN-10: 145573201X

ISBN-13: 978-1455732012

Product Dimensions: 8.5 x 0.9 x 11 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,108,469 in Books (See Top 100 in Books) #64 in Books > Textbooks > Medicine & Health Sciences > Reference > Instruments & Supplies #110 in Books > Medical Books > Medicine > Reference > Instruments & Supplies #540 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

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

Plastics in Medical Devices, Second Edition: Properties, Requirements, and Applications (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Second Edition

(Plastics Design Library) Medical School Admission Requirements (MSAR) 2010-2011: The Most Authoritative Guide to U.S. and Canadian Medical Schools (Medical School Admission Requirements, United States and Canada) The Effect of UV Light and Weather on Plastics and Elastomers, Third Edition (Plastics Design Library) The FDA and Worldwide Quality System Requirements Guidebook for Medical Devices, Second Edition Requirements Elicitation Techniques - Simply Put!: Helping Stakeholders Discover and Define Requirements for IT Projects The FDA and Worldwide Quality System Requirements Guidebook for Medical Devices ISO 13485:2003, Medical devices - Quality management systems - Requirements for regulatory purposes Plastics Packaging 2E: 'Properties, Processing, Applications and Regulations ISO 14971:2007, Medical devices - Application of risk management to medical devices Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Medical Terminology: Medical Terminology Made Easy: Breakdown the Language of Medicine and Quickly Build Your Medical Vocabulary (Medical Terminology, Nursing School, Medical Books) Extrusion, Second Edition: The Definitive Processing Guide and Handbook (Plastics Design Library) Low-Dimensional and Nanostructured Materials and Devices: Properties, Synthesis, Characterization, Modelling and Applications (NanoScience and Technology) Dental Materials: Properties and Manipulation, 9e (Dental Materials: Properties & Manipulation (Craig)) Bio-based Plant Oil Polymers and Composites (Plastics Design Library) Fluoroplastics, Volume 2: Melt Processible Fluoroplastics: The Definitive User's Guide (Plastics Design Library) Fluoroplastics, Volume 1: Non-Melt Processible Fluoroplastics (Plastics Design Library) (v. 1) Molybdenum and Its Compounds: Applications, Electrochemical Properties and Geological Implications (Chemistry Research and Applications) American Medical Association Complete Medical Encyclopedia (American Medical Association (Ama) Complete Medical Encyclopedia)

[Dmca](#)