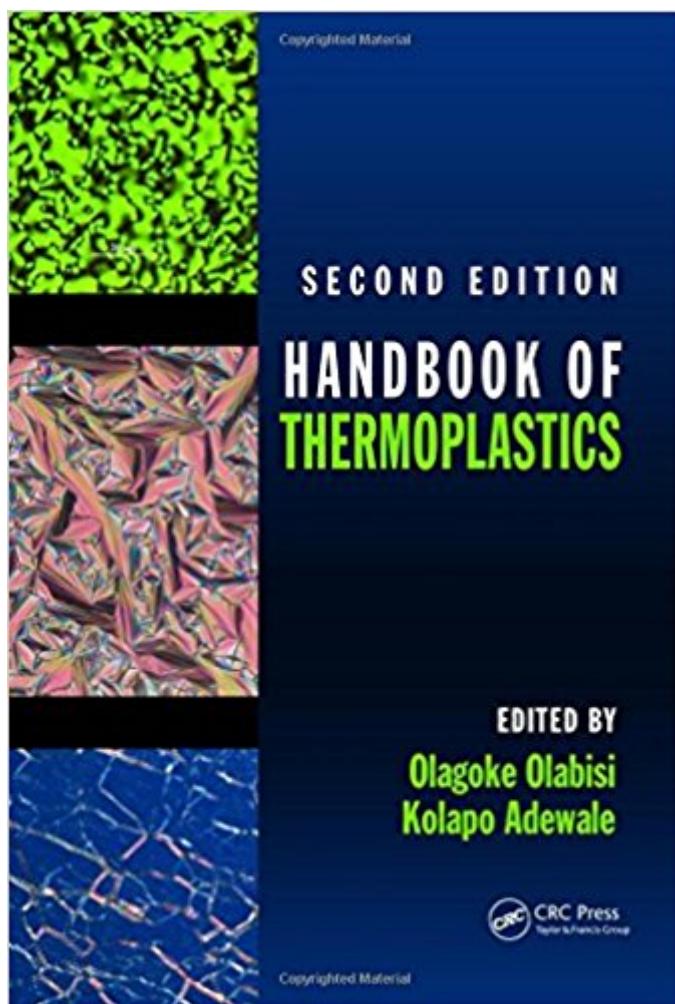


The book was found

# Handbook Of Thermoplastics, Second Edition (Plastics Engineering)



## Synopsis

This new edition of the bestselling Handbook of Thermoplastics incorporates recent developments and advances in thermoplastics with regard to materials development, processing, properties, and applications. With contributions from 65 internationally recognized authorities in the field, the second edition features new and updated discussions of several topics, including: Polymer nanocomposites Laser processing of thermoplastic composites Bioplastics Natural fiber thermoplastic composites Materials selection Design and application Additives for thermoplastics Recycling of thermoplastics Regulatory and legislative issues related to health, safety, and the environment The book also discusses state-of-the-art techniques in science and technology as well as environmental assessment with regard to the impact of thermoplastics. Each chapter is written in a review format that covers: Historical development and commercialization Polymerization and process technologies Structural and phase characteristics in relation to use properties The effects of additives on properties and applications Blends, alloys, copolymers, and composites derived from thermoplastics Applications Giving thorough coverage of the most recent trends in research and practice, the Handbook of Thermoplastics, Second Edition is an indispensable resource for experienced and practicing professionals as well as upper-level undergraduate and graduate students in a wide range of disciplines and industries.

## Book Information

Series: Plastics Engineering (Book 41)

Hardcover: 1012 pages

Publisher: CRC Press; 2 edition (December 22, 2015)

Language: English

ISBN-10: 1466577223

ISBN-13: 978-1466577220

Product Dimensions: 2.2 x 7.2 x 10.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,786,851 in Books (See Top 100 in Books) #126 in Books > Engineering & Transportation > Engineering > Chemical > Plastics #445 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #1057 in Books > Textbooks > Engineering > Chemical Engineering

## Customer Reviews

"The second edition of the Handbook of Thermoplastics offers an important update since the first edition. New subjects have been added for areas emerging of interest since the first edition. Having utilized the first edition in my career before I retired, I can recommend the second edition for professionals in both academic and business areas." •Lloyd M. Robeson, Air Products and Chemicals, Inc. (Ret.) "Overall, this new text is very readable and well planned. It is a very good introduction to the majority of the important commonly used classes of industrial thermoplastics." •Garth L. Wilkes, Virginia Polytechnic Institute and State University

Olagoke Olabisi, PhD, is the director of internal corrosion engineering at Corrpro, Houston, Texas. He earned his PhD in macromolecular science and engineering from Case Western Reserve University, Cleveland, Ohio. He is the coauthor, editor, or coeditor of four books and the author or coauthor of more than 50 professional papers and book chapters. He also holds nine international patents. He is a fellow of the Nigerian Society of Chemical Engineers and has been a member of the Polymer Processing Society, the American Institute of Chemical Engineers, the American Chemical Society, NACE International, and the Association of Consulting Chemists and Chemical Engineers. Kolapo Adewale, PhD, is the process manager of Hanwha Advanced Materials America in Opelika, Alabama. He earned his PhD in polymer science and engineering from the University of Akron, Ohio. He holds 16 international patents and is the author or coauthor of 14 professional papers. He is a member of the Society of Plastic Engineers and the American Institute of Chemical Engineers.

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

Handbook of Thermoplastics, Second Edition (Plastics Engineering) Chemical Resistance of Specialty Thermoplastics, Volume 3 (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Second Edition (Plastics Design Library) Plastics in Medical Devices, Second Edition: Properties, Requirements, and Applications (Plastics Design Library) The Effect of Sterilization on Plastics and Elastomers, Third Edition (Plastics Design Library) Permeability Properties of Plastics and Elastomers, Third Edition (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Third Edition (Plastics Design Library) Sustainable Plastics: Environmental Assessments of Biobased, Biodegradable, and Recycled Plastics Biodegradable Polymers and Plastics (World Conference on Biodegradable Polymers and Plastics (7th) Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Life-Enhancing Plastics: Plastics and Other Materials in Medical Applications (Series on Biomaterials and Bioengineering) Plastics in Medical Devices: Properties,

Requirements and Applications (Plastics Design Library) Fundamentals of Polymer Engineering, Revised and Expanded (Plastics Engineering) Handbook of Polyethylene: Structures: Properties, and Applications (Plastics Engineering) Handbook of Molded Part Shrinkage and Warpage, Second Edition (Plastics Design Library) Plastics Engineering, Third Edition Practical Injection Molding (Plastics Engineering) Plastics: Microstructure and Engineering Applications Macromolecular Design of Polymeric Materials (Plastics Engineering) Adhesives Technology Handbook, Third Edition (Plastics Design Library)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)