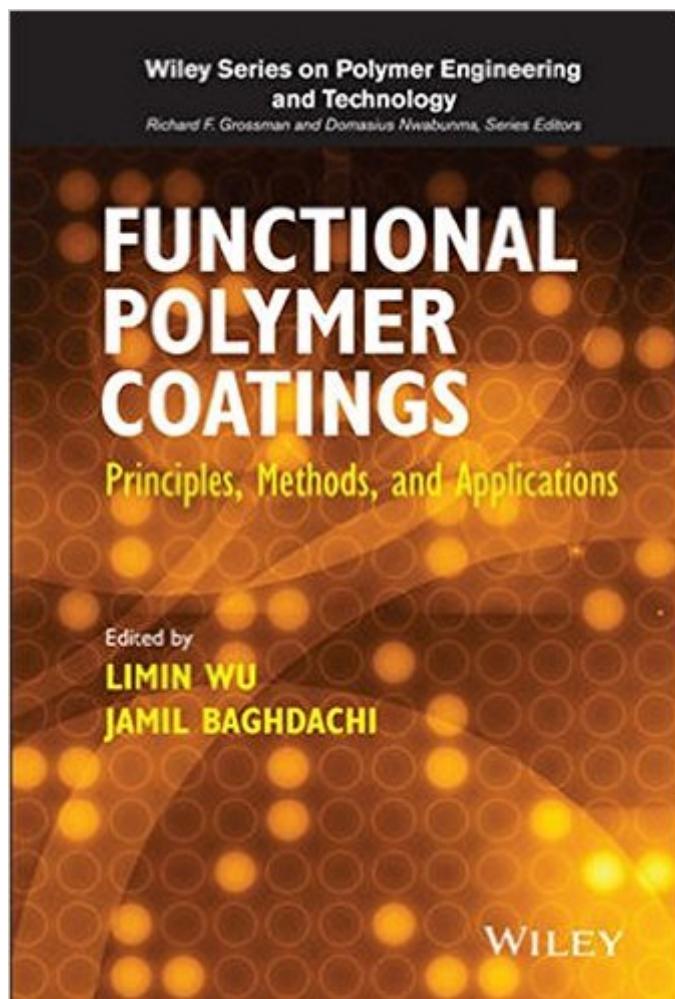


The book was found

# Functional Polymer Coatings: Principles, Methods, And Applications (Wiley Series On Polymer Engineering And Technology)



## Synopsis

Focusing on a variety of coatings, this book provides detailed discussion on preparation, novel techniques, recent developments, and design theories to present the advantages of each function and provide the tools for better product performance and properties.      Presents advantages and benefits of properties and applications of the novel coating types      Includes chapters on specific and novel coatings, like nanocomposite, surface wettability tunable, stimuli-responsive, anti-fouling, antibacterial, self-healing, and structural coloring      Provides detailed discussion on recent developments in the field as well as current and future perspectives      Acts as a guide for polymer and materials researchers in optimizing polymer coating properties and increasing product performance

## Book Information

Series: Wiley Series on Polymer Engineering and Technology (Book 12)

Hardcover: 368 pages

Publisher: Wiley; 1 edition (June 15, 2015)

Language: English

ISBN-10: 1118510704

ISBN-13: 978-1118510704

Product Dimensions: 6.4 x 0.9 x 9.5 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,655,460 in Books (See Top 100 in Books) #33 in Books > Science & Math > Chemistry > Polymers & Macromolecules #77 in Books > Engineering & Transportation > Engineering > Chemical > Coatings, Ceramics & Glass #140 in Books > Engineering & Transportation > Engineering > Chemical > Plastics

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

Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) Handbook of Deposition Technologies for Films and Coatings, Third Edition: Science, Applications and Technology Tribology of Polymeric Nanocomposites, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering)

Discovering Knowledge in Data: An Introduction to Data Mining (Wiley Series on Methods and Applications in Data Mining) Construction Dewatering: New Methods and Applications (Wiley Series of Practical Construction Guides) Environmental Engineering and Sanitation (Environmental

Science and Technology: A Wiley-Interscience Series of Texts and Monographs) The Wiley-Blackwell Companion to Zoroastrianism (Wiley Blackwell Companions to Religion) Engineering Methods for Robust Product Design: Using Taguchi Methods in Technology and Product Development Phased Array-Based Systems and Applications (Wiley Series in Microwave and Optical Engineering) Methods of X-ray and Neutron Scattering in Polymer Science (Topics in Polymer Science) The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Virology: Principles and Applications 1st (first) Edition by Carter, John, Saunders, Venetia published by Wiley (2007) Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) Wheater's Functional Histology: A Text and Colour Atlas (FUNCTIONAL HISTOLOGY (WHEATER'S)) Functional Programming in JavaScript: How to improve your JavaScript programs using functional techniques Clinical Functional MRI: Presurgical Functional Neuroimaging (Medical Radiology) Handbook of Tribology: Materials, Coatings, and Surface Treatments Wood Coatings: Theory and Practice Understanding Additives (European Coatings Tech Files) Del suelo al techo/ From Floor to Ceiling: Los Revestimientos Del Hogar/ The Home Coatings (Spanish Edition)

[Dmca](#)