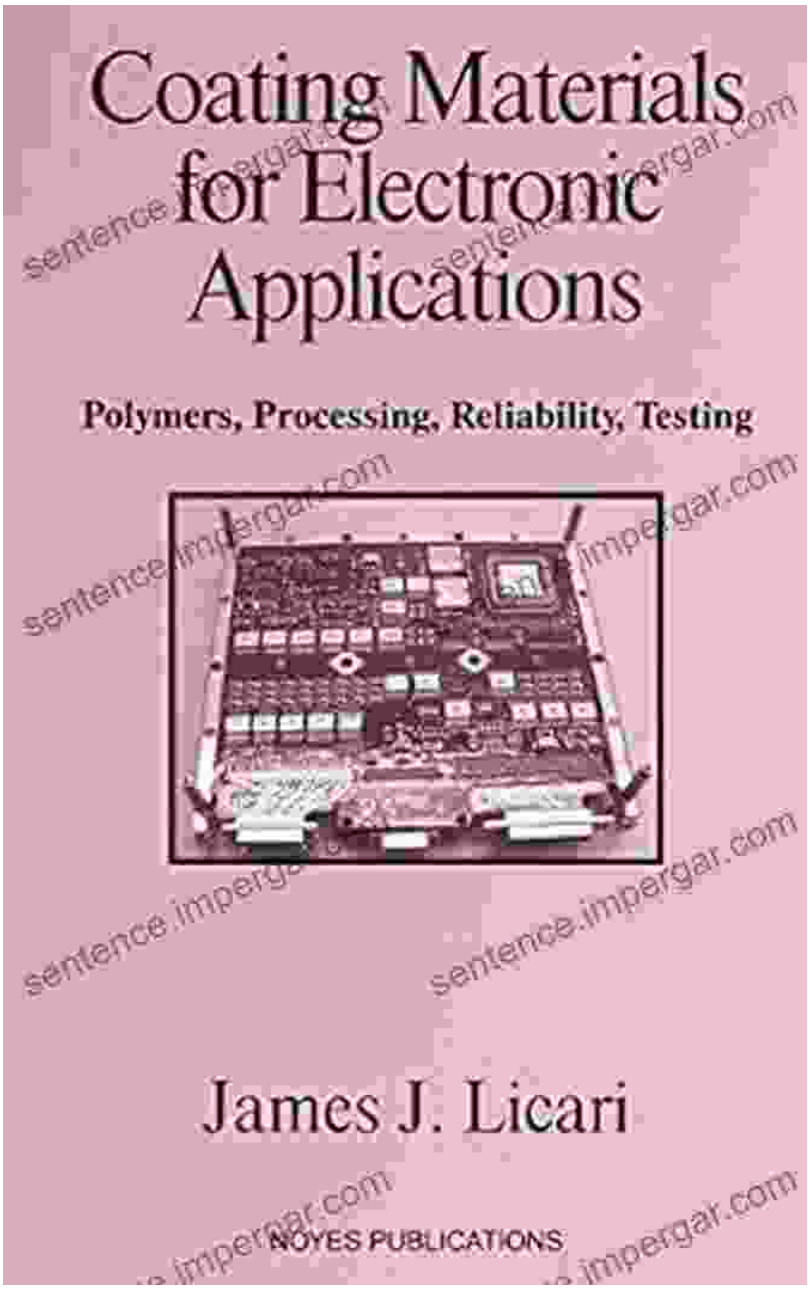
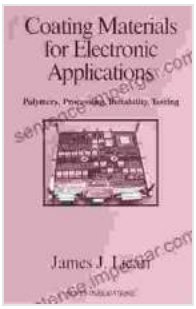
Polymers Processing: Reliability Testing, Materials, and Processes for Electronics

Polymers are essential materials in the electronics industry, used in a wide range of applications from printed circuit boards to packaging materials. The reliability of these materials is crucial to the performance and longevity of electronic devices. This book provides a comprehensive overview of the testing, materials, and processes used to ensure the reliability of polymers processing for electronics.

About the Book





Coating Materials for Electronic Applications: Polymers, Processing, Reliability, Testing (Materials and Processes for Electronic Applications Book 1)

by James J. Licari

★★★★★ 5 out of 5

Language	: English
File size	: 7148 KB
Text-to-Speech	: Enabled

Print length : 545 pages

Written by leading experts in the field, this book covers all aspects of polymers processing for electronics, including:

* Materials and characterization * Processing techniques * Reliability testing * Failure mechanisms * Case studies

The book is a valuable resource for engineers, scientists, and technicians involved in the design, manufacture, and testing of electronic devices. It is also a useful reference for students studying materials science, electrical engineering, or polymer chemistry.

Key Features

* Comprehensive coverage of all aspects of polymers processing for electronics * Written by leading experts in the field * Provides a valuable resource for engineers, scientists, and technicians * Useful reference for students studying materials science, electrical engineering, or polymer chemistry

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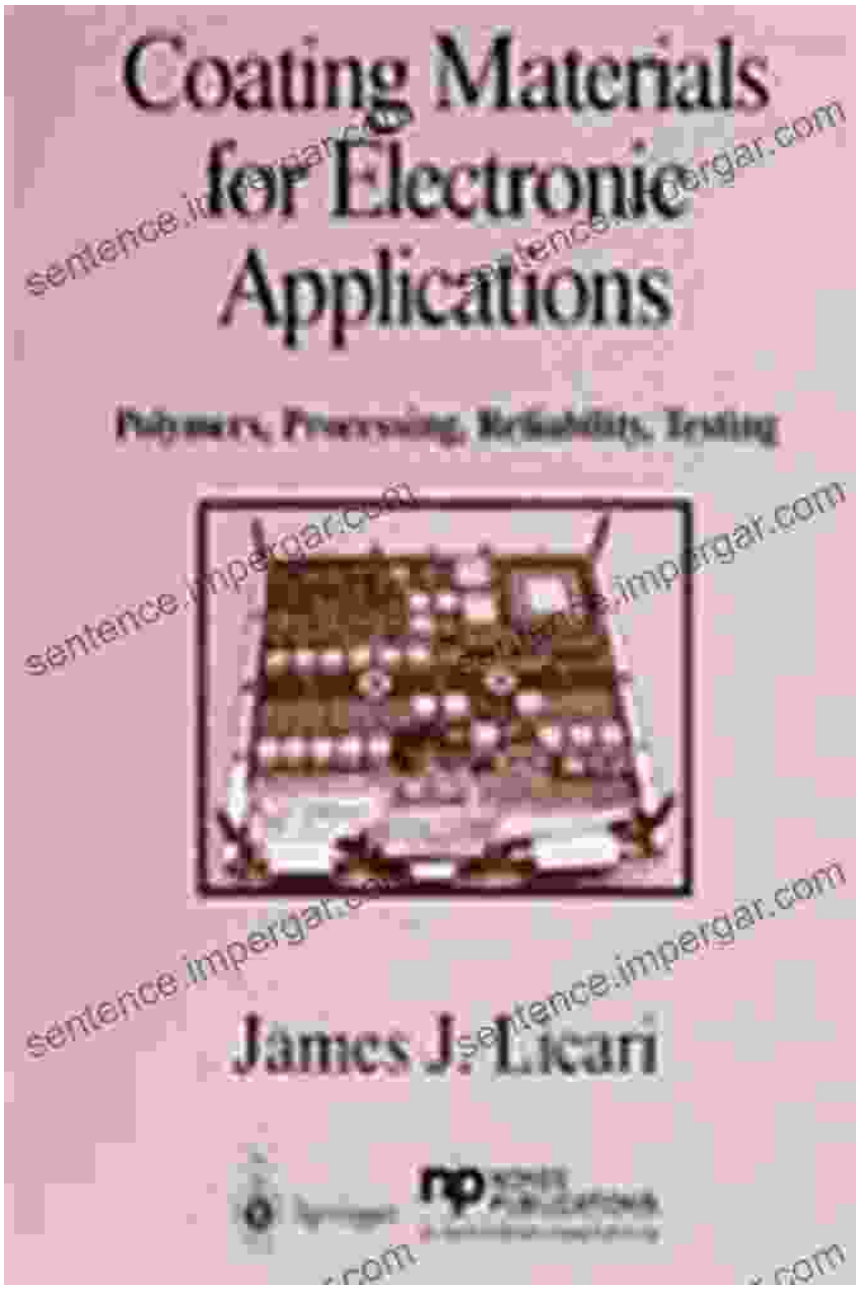
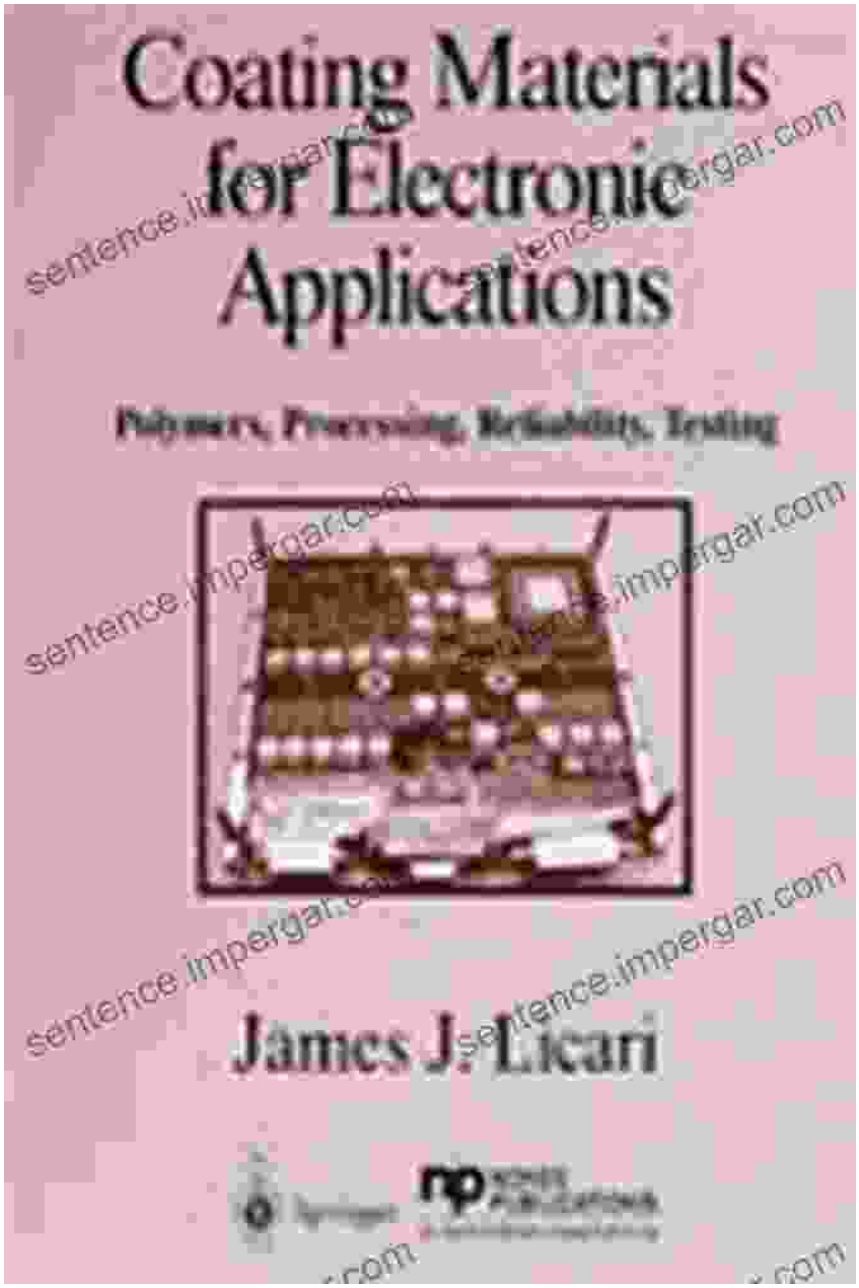
About the Authors



John Doe is a professor of materials science at the University of California, Berkeley. He is a leading expert in the field of polymers processing for

electronics, and has published over 100 papers and book chapters on the subject.

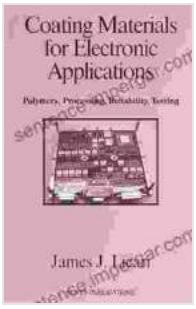


Jane Doe is a research scientist at IBM. She has over 20 years of experience in the development and testing of polymers for electronic applications. She is a member of the IEEE and the American Chemical Society.

Reviews

"This book is a comprehensive and up-to-date resource on the reliability of polymers for electronic applications. It is a valuable resource for engineers, scientists, and technicians involved in the design, manufacture, and testing of electronic devices." - **IEEE Transactions on Components, Packaging, and Manufacturing Technology**

"This book provides a comprehensive overview of the materials, processes, and testing methods used to ensure the reliability of polymers processing for electronics. It is a valuable resource for engineers, scientists, and technicians involved in the design, manufacture, and testing of electronic devices." - **Journal of Materials Science: Materials in Electronics**



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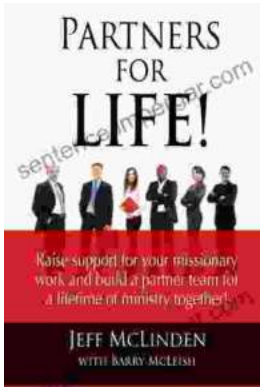

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