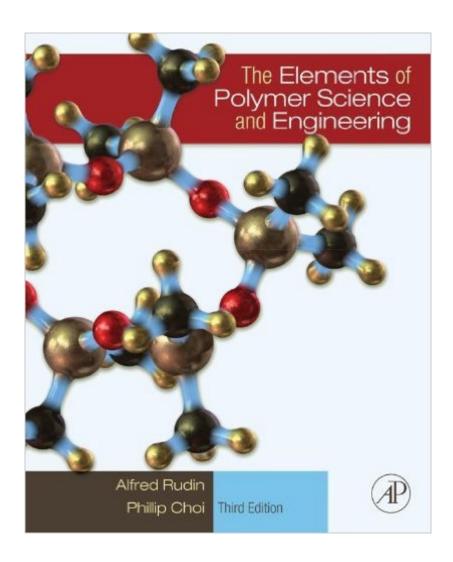
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The Elements Of Polymer Science And Engineering





Synopsis

Whether you are an upper or graduate level student studying polymer science and engineering or an engineer new to the field of polymers, you'll benefit from reading The Elements of Polymer Science and Engineering 3e. Since the publication of the second edition in 1999, the field of polymers has advanced considerably. A key feature of the third edition is the inclusion of new concepts in existing chapters as well as new chapters covering selected contemporary topics such as behavior of natural polymers, polymer nanocomposites, and use of polymers in nanotechnology. There are also several enhancements to the bookâ TMs pedagogy, including the addition of numerous worked examples and new figures to better illustrate key concepts and the addition of a large number of end-of-chapter exercises, many of which are based on recently published research and relevant industrial data. Focuses on applications of polymer chemistry, engineering, and technologyExplains terminology, applications, and versatility of synthetic polymersConnects polymerization chemistry with engineering applicationsContains practical lead-ins to emulsion polymerization, viscoelasticity, and polymer rheology

Book Information

File Size: 11609 KB

Print Length: 584 pages

Publisher: Academic Press; 3 edition (December 31, 2012)

Publication Date: December 31, 2012

Sold by: A Digital Services LLC

Language: English

ASIN: B00AMZZQQQ

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,766,371 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #77 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Materials

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