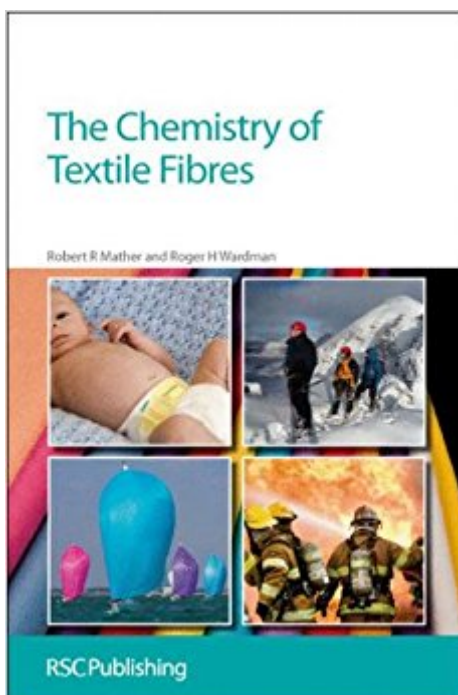


The book was found

The Chemistry Of Textile Fibres: RSC



Synopsis

Textiles are ubiquitous materials that many of us take for granted in our everyday lives. We rely on our clothes to protect us from the environment, for modesty, to enhance our appearance and reflect our personality. Beyond these traditional applications, high-performance fibres have been specifically developed for more demanding roles in protective garments, industrial work-wear, car tyres, parachutes and artificial arteries. This is the only book to describe the chemistry of textile fibres at a level appropriate for 'A' level students and first-year undergraduates following courses in textile science and technology. Readers with a background in chemistry and an interest in the principles of functional fibre development will also find it to be of value. The book explains the characteristics required for polymers to be fibre-forming, the general physical properties needed from textile fibres, and the chemistry of important natural and synthetic fibres. The book also deals with the essential chemistry of "high-performance" fibres that possess functionalities beyond those of materials traditionally used for apparel. Later chapters describe methods of fibre enhancement and fibre blending.

Book Information

Hardcover: 388 pages

Publisher: Royal Society of Chemistry; 1st Edition. edition (December 17, 2010)

Language: English

ISBN-10: 1847558674

ISBN-13: 978-1847558671

Product Dimensions: 6.1 x 1.1 x 9.2 inches

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

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,582,695 in Books (See Top 100 in Books) #79 in [Books > Science & Math > Chemistry > Polymers & Macromolecules](#) #1011 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles](#) #1641 in [Books > Science & Math > Chemistry > Industrial & Technical](#)

Customer Reviews

"The authors should be congratulated on the scope of the fibre types included, the accuracy and current awareness of the information presented. The chemistry is clearly illustrated to adequately inform and whet the reader's appetite for more. "...the books content clearly demonstrates the fundamental importance of an understanding of chemistry in the study of textile fibres and the

materials made from them." (Materials World, 1/08/2011, Dr Andy Crangle,)

This is the only book on the chemistry of textile fibres aimed at 'A' level students and first-year undergraduates. It explains the characteristics required for polymers to be fibre-forming, the general physical properties needed from textile fibres, and the chemistry of important natural and synthetic fibres. The book also deals with the essential chemistry of "high-performance" fibres that possess functionalities beyond those of materials traditionally used for apparel. Later chapters describe methods of fibre enhancement and fibre blending.

All was as promised and expected. Very good text for our needs in this program. I will continue to look for similar products.

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

The Chemistry of Textile Fibres: RSC The Chemistry of Textile Fibres The Chemistry of Fireworks: RSC (RSC Paperbacks) The Chemistry of Medical and Dental Materials: RSC (RSC Materials Monographs) Trace Elements Medicine and Chelation Therapy: RSC (RSC Paperbacks) Introduction to Glass Science and Technology: RSC (RSC Paperbacks) Therapeutic Oligonucleotides: RSC (RSC Biomolecular Sciences) The Maillard Reaction: RSC (RSC Food Analysis Monographs) Textile Collage: Using Collage Techniques in Textile Art Textile Nature: Textile Techniques and Inspiration from the Natural World Planar Optical Waveguides and Fibres (Oxford Engineering Science Series) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review The Chemistry of Fragrances: From Perfumer to Consumer (RSC Paperbacks) Boronic Acids in Saccharide Recognition: RSC (Monographs in Supramolecular Chemistry) Nucleic Acids in Chemistry and Biology: RSC Atmospheric Chemistry: RSC Contemporary Boron Chemistry: RSC (Special Publications) Physical Chemistry for the Chemical Sciences: RSC Stereochemistry: RSC (Tutorial Chemistry Texts)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

