

Advances in Technical Nonwovens (Woodhead Publishing Series in Textiles)

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Advances in Technical Nonwovens presents the latest information on the nonwovens industry, a dynamic and fast-growing industry with recent technological innovations that are leading to the development of novel end-use applications.

The book reviews key developments in technical nonwoven manufacturing, specialist materials, and applications, with Part One covering important developments in materials and manufacturing technologies, including chapters devoted to fibers for technical nonwovens, the use of green recycled and biopolymer materials, and the application of nanofibres.

The testing of nonwoven properties and the specialist area of composite nonwovens are also reviewed, with Part Two offering a detailed and wide-ranging overview of the many applications of technical nonwovens that includes chapters on automotive textiles, filtration, energy applications, geo- and agrotextiles, construction, furnishing, packaging and medical and hygiene products.

- Provides systematic coverage of trends, developments, and new technology in the field of technical nonwovens
- Focuses on the needs of the nonwovens industry with a clear emphasis on applied technology
- Contains contributions from an international team of authors edited by an expert in the field
- Offers a detailed and wide-ranging overview of the many applications of technical nonwovens that includes chapters on automotive textiles, filtration, energy applications, geo- and agrotextiles, and more

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Editorial Review

Review

"...covers important developments in materials and manufacturing technologies, and includes chapters devoted to fibres for technical nonwovens, the use of green recycled and biopolymer materials, and the application of nanofibres." **--Asian Textile Journal**

From the Back Cover

The nonwovens industry is dynamic and fast-growing, with technological innovations leading to the development of novel end-use applications. *Advances in Technical Nonwovens* reviews key developments in technical nonwoven manufacturing, specialist materials and applications.

After an introduction by the editor, Part One covers important developments in materials and manufacturing technologies, and includes chapters devoted to fibres for technical nonwovens, the use of green recycled and biopolymer materials, and the application of nanofibres. The testing of nonwoven properties and the specialist area of composite nonwovens are also reviewed. Part Two then offers a detailed and wide-ranging overview of the many applications of technical nonwovens, with chapters on automotive textiles, filtration, energy applications, geo- and agrotextiles, construction, furnishing, packaging and medical and hygiene products.

With its expert editor and international team of contributors from industry and academia, *Advances in Technical Nonwovens* provides essential content for industry professionals, academic researchers and postgraduate students working in the field of nonwoven science and technology.

Dr Kellie has worked in industry with major nonwovens and paper manufacturing companies and started Kellie Solutions more than 10 years ago. Since then he has consulted for some of the largest and most successful nonwovens companies in the world as well as presenting at a number of conferences for EDANA, the international association for the nonwovens and related industries. Recent work has included a submission on nanotechnology to the UK House of Lords Science & Technology Committee, and international presentations on nonwovens in advanced automotive applications and composite plastics.

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Frances Lawler:

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Charlotte Ramsey:

Advances in Technical Nonwovens (Woodhead Publishing Series in Textiles) can be one of your beginner books that are good idea. All of us recommend that straight away because this guide has good vocabulary which could increase your knowledge in words, easy to understand, bit entertaining but nonetheless delivering the information. The writer giving his/her effort that will put every word into delight arrangement in writing Advances in Technical Nonwovens (Woodhead Publishing Series in Textiles) but doesn't forget the main place, giving the reader the hottest and also based confirm resource details that maybe you can be among it. This great information can easily drawn you into fresh stage of crucial contemplating.

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