Record Nr. UNINA9910466932603321 Autore Karthik T. Titolo Nonwovens: process, structure, properties and applications / / T. Karthik, R. Rathinamoorthy, C. Praba Karan New Delhi, India:,: Woodhead Publishing India PVT. LTD,, 2016 Pubbl/distr/stampa **ISBN** 93-85059-64-5 1-315-34134-4 1-315-36502-2 Descrizione fisica 1 online resource (361 pages): illustrations Collana Woodhead Publishing India in textiles Disciplina 677.6 Soggetti Nonwoven fabrics Electronic books. Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Includes bibliographical references at the end of each chapters and Nota di bibliografia Nota di contenuto chapter 1 Introduction to nonwovens -- chapter 2 Web formation -chapter 3 Nonwoven bonding techniques -- chapter 4 Finishing of nonwovens -- chapter 5 Testing of nonwovens -- chapter 6 Applications of nonwovens -- chapter 7 Composite nonwovens -chapter 8 Natural fiber nonwovens. Sommario/riassunto "Nonwovens: Process, Structure, Properties and Applications outlines the concept and principle of entire nonwoven manufacturing process starting from raw material selection, web formation techniques, web bonding methods and finishing. Further, characterization and testing of non-woven fabrics, application of non-woven fabrics in different areas such as apparel, aggrotech, geotech, medical and hygiene, automotive textiles, filtration products, home textiles, roofing and construction and packaging were also discussed in detail. The advancements in nonwoven manufacturing known as composite non-woven, their properties and applications were discussed in detail. The application of natural fibers in non-woven manufacturing with their advantages and limitations were also discussed in brief. This book is primarily a text book intended for textile technology students in universities and colleges, researchers, industrialists and academicians, as well as

professionals in the apparel and textile industry."--Provided by