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Titolo	Acoustic Textiles // edited by Rajiv Padhye, Rajkishore Nayak
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Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VII, 242 p. 69 illus., 39 illus. in color.)
Collana	Textile Science and Clothing Technology, , 2197-9863
Disciplina	693.834
Soggetti	Textile industry Industrial engineering Production engineering Materials science Chemical engineering Nanochemistry Textile Engineering Industrial and Production Engineering Characterization and Evaluation of Materials Industrial Chemistry/Chemical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Basics of Acoustic Science -- Principles of Sound Absorbers -- Materials Used for Acoustic Textiles -- Manufacturing Methods for Acoustic Textiles -- Acoustical Test Methods for Nonwoven Fabrics. .
Sommario/riassunto	This book highlights the manufacturing and applications of acoustic textiles in various industries. It also includes examples from different industries in which acoustic textiles can be used to absorb noise and help reduce the impact of noise at the workplace. Given the importance of noise reduction in the working environment in several industries, the book offers a valuable guide for companies, educators and researchers involved with acoustic materials.