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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Understanding nonwovens : concepts and applications / M. Kanafchian and A.K. Haghi -- 2. Cellulose-based textile waste treatment into powder-like fillers for emulsion rubbers / V.M. Misin, S. S. Nikulin, and I.N. Pugacheva -- 3. Structure and parameters of polyhydroxybutyrate nanofibers / A.A. Olkhov, O.V. Staroverova, A.L. Iordanskii, and G.E. Zaikov -- 4. Preparation of amines including cycloacetalic and gem-dichlorocyclopropane fragments / A.N. Kazakova, G.Z. Raskildina, N.N. Mikhailova, T.P. Mudrik, S.S. Zlotsky, and G.E. Zaikov -- 5. Progress in photovoltaic textiles : a comprehensive review / M. Kanafchian -- 6. Modern applications of nanoengineered materials in textile industries / Shima Maghsoodlou and Arezoo Afzali.
Sommario/riassunto	This volume provides the textile science community with a forum for critical, authoritative evaluations of advances in the discipline of textile engineering. Reporting on recent advances with significant applications in textile engineering, the chapters are written by internationally recognized researchers. This book covers a multitude of important

concepts and advances in the field, including: Applications of nonwovens in textile engineering Textile waste treatment for use in emulsion rubbers Parameters of polyhydroxybutyrate nanofibers Preparation of amines for use in textile engineering Progress in photovoltaic textile New applications in nanoengineering materials in the textile industry.

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