

1. Record Nr.	UNINA9910254154203321
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Titolo	Blends and Graft Copolymers of Cellulosics [[electronic resource]] : Toward the Design and Development of Advanced Films and Fibers / / by Yoshiyuki Nishio, Yoshikuni Teramoto, Ryosuke Kusumi, Kazuki Sugimura, Yoshitaka Aranishi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-55321-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 125 p. 71 illus.)
Collana	Biobased Polymers, , 2510-3407
Disciplina	541.394
Soggetti	Biomaterials Carbohydrates Polymers Materials science Nanotechnology Carbohydrate Chemistry Polymer Sciences Characterization and Evaluation of Materials Nanotechnology and Microengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Methods for Characterization of Microscopic Structures of Cellulose- core Multicomponent Systems -- Cellulosic Polymer Blends 1: With Vinyl Polymers -- Cellulosic Polymer Blends 2: With Aliphatic Polyesters -- Cellulosic Graft Copolymers -- Cellulosic Fibers Produced by Melt Spinning.
Sommario/riassunto	This book reveals how polymer blending and grafting now offer a growing range of new applications for advanced films and fibers. Further, it details how the processing and original physical properties of cellulosics can be improved, and demonstrates how new, cellulose- core polymeric materials offer a wide range of synergistic functionalities. Lastly, it summarizes basic characterization studies and successful fabrications of advanced films and fibers. The book is

primarily intended for advanced undergraduates, academic and industrial researchers and professionals studying or using bio-based polymers.
