1. Record Nr. UNINA9910350315103321

Titolo	Green Composites [[electronic resource]] : Processing, Characterisation and Applications for Textiles / / edited by Subramanian Senthilkannan Muthu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-1972-3
Descrizione fisica	1 online resource (110 pages)
Collana	Textile Science and Clothing Technology, , 2197-9863
Disciplina	620.118
Soggetti	Textile industry Sustainable development Engineering economy Biotechnology Agriculture - Economic aspects Textile Engineering Ceramics, Glass, Composites, Natural Materials Sustainable Development Engineering Economics, Organization, Logistics, Marketing Environmental Engineering/Biotechnology Agricultural Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Natural Fiber Based Hybrid Bio-Composites: Processing, Characterization and Applications -- Processing of Green Composites -- Sisal Fibers Reinforced Epoxidized Non-edible Oils Based Epoxy Green Composites and its Potential Applications.
Sommario/riassunto	This book highlights the processing, characterization and applications of various green composites. Composites are known for their unique properties, which are derived by combining two or more components. This yields properties such as greater strength and rigidity than that of the individual components, as well as reduced weight. To help achieve such outcomes, the book discusses the potential applications of hybrid bio-composites and sisal-fiber-reinforced epoxidized non-edible oil-

based epoxy green composites.