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Descrizione fisica	1 online resource (VIII, 405 p. 187 illus., 42 illus. in color.)
Collana	Advanced Structured Materials, , 1869-8433 ; ; 26
Disciplina	620.11
Soggetti	Ceramics Glass Composites (Materials) Composite materials Polymers Mechanics Mechanics, Applied Ceramics, Glass, Composites, Natural Materials Polymer Sciences Solid Mechanics
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	From the Contents: Theoretical aspects regarding polymer photochemistry -- Factors influencing the photochemical behavior of multicomponent polymeric materials -- Polymer materials: photodegradation mechanism.
Sommario/riassunto	This book offers in-depth insights into the photochemical behavior of multicomponent polymeric-based materials, with a particular emphasis on the photodegradation and photostabilization of these materials. Studying various classes of materials bases such as polysaccharides, wood, synthetic polymers, rubber blends, and nanocomposites, it offers a valuable reference source for graduate and postgraduate students, engineering students, research scholars and polymer engineers working in industry.

