

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910298616403321 |
| Titolo | Thermal Degradation of Polymer Blends, Composites and Nanocomposites // edited by P. M. Visakh, Yoshihiko Arao |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015 |
| ISBN | 3-319-03464-2 |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (250 p.) |
| Collana | Engineering Materials, , 1612-1317 |
| Disciplina | 620.1920422 |
| Soggetti | Materials science Mechanics Mechanics, Applied Polymers Nanotechnology Characterization and Evaluation of Materials Solid Mechanics Polymer Sciences |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | Advances in thermal degradation of blend, composites and nanocomposites -- Thermal degradation of thermoplastic blends -- Thermal degradation of thermoplastic nanocomposites -- Thermal degradation of natural rubber blends -- Thermal degradation of natural rubber nanocomposites -- Thermal degradation of Synthetic rubber blends : Macro and nano -- Thermal degradation of bio-nanomaterials and bio-nanoblends -- Thermal degradation of bio-nanocomposites -- Applications high thermal resistant composites and nanocomposites. |
| Sommario/riassunto | This book delivers a deep insight into thermal polymer degradation features and put a particular emphasis on blends, composites and nanocomposites. It examines the thermal stability and the mechanism of degrading for every class of polymer substances, and studies the effect on reinforcement to all classes. The book further explores the thermal stability when nano particles are added and summarizes the latest studies and application relevant results.This book offers a |

valuable reference source to graduate and post graduate students,
engineering students, research scholars and polymer engineers from
industry.
