

1. Record Nr.	UNISA996199133803316
Autore	Bogdal Dariusz
Titolo	Microwave-enhanced polymer chemistry and technology [[electronic resource] /] / Dariusz Bogda and Aleksander Prociak
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub., 2007
ISBN	1-281-45049-9 9786611450496 0-470-39027-1 0-470-39024-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (288 p.)
Altri autori (Persone)	ProciakAleksander
Disciplina	668.7 668.9
Soggetti	Polymers Polymerization Microwaves - Environmental aspects Green technology
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 and index.
Nota di contenuto	MICROWAVE-ENHANCED POLYMER CHEMISTRY AND TECHNOLOGY; TABLE OF CONTENTS; Preface; 1 Fundamentals of Microwaves; Interaction of Microwaves with Materials; Microwave Equipment; Microwave Generators; Transmission Lines (Waveguides); Microwave Applicators (Cavities); Microwave Reactors; Temperature Monitoring; Methods for Performing Reactions Under Microwave Irradiation; 2 Overview of Polymerization Processes Under Microwave Conditions in Comparison with Conventional Conditions; Brief Story of the Application of Microwaves in Polymer Chemistry; Characterization of Dielectric Properties of Polymers Temperature ControlSuspension Polymerization; Emulsion Polymerization; Acceleration of Polymerization Reactions Under Microwave Conditions; Solid State Polymerization; Resin Transfer Molding; Pulse Microwave Irradiation and Temperature Control; 3 Thermoplastic Polymers; Chain Polymerizations; Free Radical Polymerization; Controlled "Living" Radical Polymerization; Ring-

Opening Polymerization; Step-Growth Polymerization; Polyethers and Polyesters; Polyamides; Miscellaneous Polymers; 4 Thermosetting Resins; Epoxy Resins; Polyurethanes; Polyimides; 5 Polymer Composites and Blends
Composites of Selected ResinsNanocomposites; Effects of Different Fillers; 6 Renewable Resources for the Preparation of Polymeric Materials and Polymer Modification; Vegetable Oils; Cellulose; Chitosan; Guar Gum; Starch; 7 Recycling of Plastics; Poly(vinyl chloride); Polystyrene; Poly(ethylene oxide); Polyamide; Polyesters and Polyurethanes; Poly(ethylene terephthalate); Polyurethanes (PUR); Rubber; Carbon Fiber Composites with Epoxy Resins; 8 Commercialization and Scaling-Up; Index

Sommario/riassunto

While polymer technology forms one of the largest areas of application of microwave technology, and the methods and procedures used therein are among the most developed, there is still a relative lack of published information on the subject. Microwave-Enhanced Polymer Chemistry and Technology describes novel approaches to polymer processing using microwave technologies. Coverage includes background and scientific data, analysis of processes and product properties in comparison with existing technology, applications that are being used in various approaches, and the status

2. Record Nr.	UNINA9910716845003321
Titolo	Understanding attention-deficit/hyperactivity disorder Young adult : get the facts
Pubbl/distr/stampa	[Rockville, Md.] : , : Department of Health & Human Services, Substance Abuse and Mental Health Services Administration, , [2017]
Descrizione fisica	1 online resource (4 pages)
Collana	HHS publication ; ; no. (SMA) 16-5012
Soggetti	Attention-deficit hyperactivity disorder Attention-deficit disorder in adolescence Youth - Mental health Youth - Mental health services Mental health education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"May 2017"--SAMHSA publication download webpage.
Nota di bibliografia	Includes bibliographical references (page 4).

3. Record Nr.	UNINA9910698691903321
Autore	Siggerud Katherine
Titolo	Highway public-private partnerships [[electronic resource]] : more rigorous up-front analysis could better secure potential benefits and protect the public interest
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Govt. Accountability Office, , [2008]
Descrizione fisica	10 pages : digital, PDF file
Soggetti	Roads - United States - Maintenance and repair - Finance Transportation - United States - Planning Public-private sector cooperation - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Nov. 18, 2008). Author: Katherine A. Siggerud. "September 8, 2008." "GAO-08-1149R."
Nota di bibliografia	Includes bibliographical references.