

1. Record Nr.	UNISA996201948103316
Titolo	Handbook of industrial water soluble polymers [[electronic resource] /] / edited by Peter A. Williams
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Pub., 2007
ISBN	1-281-32021-8 9786611320218 1-62198-079-0 0-470-98870-3 0-470-99419-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (346 p.)
Classificazione	51.70
Altri autori (Persone)	WilliamsPeter A
Disciplina	668.9
Soggetti	Water-soluble polymers
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	Introduction -- Natural thickeners -- Acrylic polymers as rheology modifiers for water-based systems -- Gelling agents -- Emulsification and encapsulation -- Polymeric flocculants -- Polymer micelles : amphiphilic block and graft copolymers as polymeric surfactants -- Applications of water-soluble dendrimers -- Preparation, properties and applications of colloidal microgels -- Industrial water-soluble polymers in packaging.
Sommario/riassunto	Natural and synthetic water soluble polymers are used in a wide range of familiar industrial and consumer products, including coatings and inks, papers, adhesives, cosmetics and personal care products. They perform a variety of functions without which these products would be significantly more expensive, less effective or both. Written for research, development and formulation chemists, technologists and engineers at graduate level and beyond in the fine and specialty chemicals, polymers, food and pharmaceutical industries, the Handbook of Industrial Water Soluble Polymers deals specific