

1. Record Nr.	UNISA996205514503316
Autore	Herk Alex van
Titolo	Chemistry and technology of emulsion polymerisation [[electronic resource] /] / edited by A. Van Herk
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Pub., 2005
ISBN	1-280-74789-7 9786610747894 0-470-98846-0 1-4051-7178-2
Descrizione fisica	1 online resource (328 p.)
Altri autori (Persone)	HerkAlex van
Disciplina	668.9
Soggetti	Emulsion polymerization Latex - Industrial applications
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 (p. [279]-298) and index.
Nota di contenuto	Historic overview -- Introduction to radical (co)polymerisation -- Emulsion polymerisation -- Emulsion copolymerisation : process strategies, and morphology -- Living radical polymerisation in emulsion and miniemulsion -- Colloidal aspects of emulsion polymerisation -- Analysis of polymer molecules : reaction monitoring and control -- Particle analysis : particle size, particle shape and structure and surface characterisation -- Large-volume applications of latex polymers -- Specialty applications of latex polymers.
Sommario/riassunto	Emulsion polymerisation produces high value polymers in a low cost, environmentally friendly process. The drive to develop environmentally benign production methods for polymers has resulted in widespread development and implementation of the emulsion polymerisation technique. In addition, when combined with novel polymerisation mechanisms the process can give rise to a range of polymer products with particularly useful properties. Emulsion polymerisation is a complex process, governed by the interplay of both chemical and physical properties including polymerisation kinetics and disper