

1. Record Nr.	UNINA9910346930703321
Autore	Ludwig Imke
Titolo	Drying, film formation and open time of aqueous polymer dispersions : an investigation of different aspects by rheometry and inverse-micro-raman-spectroscopy (IMRS)
Pubbl/distr/stampa	KIT Scientific Publishing, 2008
ISBN	1000009284
Descrizione fisica	1 online resource (X, 221 S p.)
Soggetti	Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The application properties and the final coating properties of waterborne polymer dispersions are poor compared to the ones of polymer solutions with organic solvents. This is expressed by a short open time and by inhomogeneities and defects that are visible in the final dry coating. Aim of this work is an investigation and discussion of the different aspects that are responsible for the poor application and coating properties of aqueous latex dispersions by experiments and model calculations.</p>