

1. Record Nr.	UNINA9910454336203321
Titolo	The chemistry and physics of coatings [[electronic resource] /] / edited by Alastair Marrion
Pubbl/distr/stampa	Cambridge, : Royal Society of Chemistry, c2004
ISBN	1-84755-820-8
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (394 p.)
Altri autori (Persone)	MarrionAlastair
Disciplina	667.9
Soggetti	Coatings Surfaces (Technology) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 1994.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Chemistry and Physics of Coatings Cover""; ""00-5249""; ""01-5390""; ""02-5391""; ""03-5392""; ""04-5395""; ""05-5403""; ""06-5405""; ""07-5406""; ""08-5407""; ""09-5410""; ""10-5413""; ""11-5414""; ""12-5416""; ""13-5418""; ""14-5419""
Sommario/riassunto	The Chemistry and Physics of Coatings provides an introduction to the science underpinning the paint (organic coatings) industry to graduate level chemists who may have no previous knowledge of polymer-based technologies. This book stresses important physical phenomena such as rheology, film formation, and mechanical properties, their exploitation in paint, and the economic and legislative background against which coatings technology is tested. Attention is given to the chemistry of the polymers, pigments, and solvents that compose typical coatings, and the complex 'science and art' of formulat