

1. Record Nr.	UNINA9910960678003321
Autore	Mittal K. L. <1945->
Titolo	Adhesion Aspects of Polymeric Coatings . Vol. 2
Pubbl/distr/stampa	VSP [Imprint], 2003 Leiden, : BRILL Boston, : Brill USA, Inc. [distributor]
ISBN	9786610465446 9780429087974 0429087977 9781280465444 1280465441 9781417577811 1417577819 9789047403296 9047403290
Edizione	[First edition.]
Descrizione fisica	1 online resource (222 p.)
Disciplina	668.4/9
Soggetti	Adhesion Plastic coating Polymers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Contents; Preface; Interphase: Formation, characterization and relevance to practical adhesion; Depletion, a key factor in polymer adhesion; Attaining adhesion/cohesion within painted plastics; Scanning electric potential microscopy (SEPM) and electric force microscopy (EFM) imaging of polymer surfaces; The residue (smut) formed on aluminum alloys during hydrofluoric acid etching and its effect on a coating process; Surface modification of metals by silanes; Application of X-ray photoelectron spectroscopy in assessing the adsorption of siloxane polymers onto E-glass fibers Surface modification of polyphenylene sulfide plastics to improve their adhesion to a dielectric adhesive Metal surface conditioning concepts

for resin bonding in dentistry; Measurement of internal stresses in polymeric coatings using time resolved fluorescence; Adhesion of an alkyd paint to cold rolled steel sheets: Effect of steel surface composition; Analysis of the wet adhesion of coatings on wood; Modified tape test: Measurement of adhesion of insulator films to low dielectric constant organic polymers

---

Sommario/riassunto

---

Annotation