Record Nr. UNINA9910876663503321 Functional polymer films // edited by Wolfgang Knoll and Rigoberto C. **Titolo** Advincula Pubbl/distr/stampa Weinheim, Germany,: Wiley-VCH, 2011 **ISBN** 3-527-63849-0 1-280-66323-5 9786613640161 3-527-63850-4 3-527-63848-2 Descrizione fisica 1 online resource (1130 p.) Altri autori (Persone) KnollWolfgang AdvinculaRigoberto C Disciplina 621.3815/2 621.38152 Soggetti **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 v. 1. Preparation and patterning -- v. 2. Characterization and applications. Sommario/riassunto Very thin film materials have emerged as a highly interesting and useful quasi 2D-state functionality. They have given rise to numerous applications ranging from protective and smart coatings to electronics, sensors and display technology as well as serving biological, analytical and medical purposes. The tailoring of polymer film properties and functions has become a major research field. As opposed to the traditional treatise on polymer and resin-based coatings, this one-stop reference is the first to give readers a comprehensive view of the latest macromolecular and supramolecular film-b