

1. Record Nr.	UNINA9910830521803321
Autore	Kampen Thorsten U
Titolo	Low molecular weight organic semiconductors [[electronic resource] /] / Thorsten U. Kampen
Pubbl/distr/stampa	Weinheim, : Wiley-VCH Verlag GmbH & Co. KGaA, 2010
ISBN	1-282-78444-7 9786612784446 3-527-64374-5 3-527-62997-1 3-527-62998-X
Descrizione fisica	1 online resource (177 p.)
Disciplina	537.6223
Soggetti	Semiconductors
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. 153-161) and index.
Nota di contenuto	Low Molecular Weight Organic Semiconductors; Contents; Preface; 1: Introduction; 2: Growth of Thin Films; 3: Structural Analysis; 4: Optical Spectroscopy; 5: Electronic and Chemical Surface Properties; 6: Charge Transport; References; Index
Sommario/riassunto	This up-to-date reference for students and researchers in the field is the first systematic treatment on the property measurements of organic semiconductor materials. Following an introduction, the book goes on to treat the structural analysis of thin films and spectroscopy of electronic states. Subsequent sections deal with optical spectroscopy and charge transport. An invaluable source for understanding, handling and applying this key type of material for physicists, materials scientists, graduate students, and analytical laboratories.