

1. Record Nr.	UNINA9910140915203321
Autore	Belfiore Laurence A
Titolo	Physical properties of macromolecules [[electronic resource] / ] / Laurence A Belfiore
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2010
ISBN	1-282-88341-0 9786612883415 0-470-55159-3 0-470-55158-5
Descrizione fisica	1 online resource (823 p.)
Disciplina	547.7045
Soggetti	Polymers Chemistry, Physical and theoretical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	pt. 1. Glass transitions in amorphous polymers -- pt. 2. Semicrystalline polymers and melting transitions -- pt. 3. Mechanical properties of linear and crosslinked polymers -- pt. 4. Solid state dynamics of polymeric materials.
Sommario/riassunto	Explains and analyzes polymer physical chemistry research methods and experimental data Taking a fresh approach to polymer physical chemistry, Physical Properties of Macromolecules integrates the two foundations of physical polymer science, theory and practice. It provides the tools to understand polymer science concepts and research methods, while also instructing how to analyze experimental data. Drawing on the author's own extensive research in physical properties of polymers as well as more traditional topics, this text offers detailed analysis of numerous problems in pol