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Titolo	Developments in block copolymer science and technology [[electronic resource] /] / edited by Ian W. Hamley
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Altri autori (Persone)	HamleyIan W
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Developments in Block Copolymer Science and Technology; Contents; List of Contributors; Preface; 1 Introduction to Block Copolymers; 2 Recent Developments in Synthesis of Model Block Copolymers using Ionic Polymerisation; 3 Syntheses and Characterizations of Block Copolymers Prepared via Controlled Radical Polymerization Methods; 4 Melt Behaviour of Block Copolymers; 5 Phase Behavior of Block Copolymer Blends; 6 Crystallization within Block Copolymer Mesophases; 7 Dynamical Microphase Modelling with Mesodyn; 8 Self-consistent Field Theory of Block Copolymers 9 Lithography with Self-assembled Block Copolymer Microdomains 10 Applications of Block Copolymer Surfactants; 11 The Development of Elastomers Based on Fully Hydrogenated Styrene-Diene Block Copolymers; Index
Sommario/riassunto	Focuses on recent advances in research on block copolymers, covering chemistry (synthesis), physics (phase behaviors, rheology, modeling), and applications (melts and solutions). Written by a team of internationally respected scientists from industry and academia, this text compiles and reviews the expanse of research that has taken place over the last five years into one accessible resource. Ian Hamley is the

world-leading scientist in the field of block copolymer researchPresents
the recent advances in the area, covering chemistry, physics and
applications.<
