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Nota di contenuto	Front Cover; Contents; Preface; About the Editor; Contributors; Chapter 1: Functional Polymer Blends: Synthesis and Microstructures; Chapter 2: Miscibility Enhancement of Polymer Blends through Multiple Hydrogen Bonding Interactions; Chapter 3: Component Dynamics in Miscible Polymer Blends; Chapter 4: Shape Memory Polymer Blends; Chapter 5: Synthesis and Properties of Ethylene Methacrylate (EMA) Copolymer Toughened Polymethyl Methacrylate (PMMA) Blends; Chapter 6: Molecular Dynamics Simulation Studies of Binary Blend Miscibility Chapter 7: Conformation and Topology of Cyclic-Linear Polymer BlendsChapter 8: Strain Hardening in Polymer Blends with Fibril Morphology; Chapter 10: Directed Assembly of Polymer Blends Using Nanopatterned Chemical Surfaces; Back Cover
Sommario/riassunto	With their broad range of properties, polymer blends are widely used in adhesion, colloidal stability, the design of composite and biocompatible materials, and other areas. As the science and technology of polymer blends advances, an increasing number of polymer blend systems and

applications continue to be developed. Functional Polymer Blends: Synthesis, Properties, and Performance presents the latest synthesis and characterization methodologies for generating polymer blend systems. This one-stop resource brings together both experimental and theoretical material, much of
