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Altri autori (Persone)	AdvaniSuresh G HsiaoKuang-Ting
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Manufacturing of polymer matrix composites (PMCs) : short fiber and nanomaterial based processing -- pt. 2. Manufacturing of polymer matrix composites (PMCs) : thermoplastic based processing -- pt. 3. Manufacturing of polymer matrix composites (PMCs) : thermoset based processing.
Sommario/riassunto	Polymer matrix composites are used extensively across a wide range of industries, making the design and development of effective manufacturing processes of great importance. Manufacturing techniques for polymer matrix composites (PMCs) provides an authoritative review of the different technologies employed in the manufacture of this class of composite. Following an introduction to composites and manufacturing processes, part one reviews the manufacturing of short fiber and nanoparticle based polymer matrix composites, with injection and compression molding examined in depth. Thermoplast