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Descrizione fisica	1 online resource (275 pages) : illustrations
Disciplina	620.192
Soggetti	Polymers Industrial engineering Production engineering Ceramics Glass Composite materials Chemical engineering Polymer Sciences Industrial and Production Engineering Ceramics, Glass, Composites, Natural Materials Industrial Chemistry/Chemical Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Advantages and Applications of Polymeric Composites -- Chapter 3: Micromechanics and Macromechanics of Polymeric Composites -- Chapter 4: Rheology in Processing of Polymeric Composites -- Chapter 5: Processability of Thermosetting Composites -- Chapter 6: Processability of Thermoplastic Composites -- Chapter 7: Processability in Open Mould Processing of Polymeric Composites -- Chapter 8: Processability in Closed Mould Processing of Polymeric Composites -- Chapter 9: Characterisation and Testing of Polymeric Composites. .
Sommario/riassunto	This textbook covers the processing of advanced composites and their various technologies, with special emphasis on the distinct characteristics of processability. The book covers the impact of

different processing techniques on the performance and characteristics of the final product. Written with a didactic approach, the volume contains extensive illustrations and pedagogic features (including examples and exercises) to help the reader assess and correlate existing technologies. The book will be useful as a text in graduate courses in processing of polymers and composites and can additionally be used as a professional reference. .

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