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| 1. Record Nr. | UNINA9910688589003321 |
| Titolo | Composite Materials / / edited by Mohammad Asaduzzaman Chowdhury |
| Pubbl/distr/stampa | London : , : IntechOpen, , 2021 |
| Descrizione fisica | 1 online resource (186 pages) : illustrations |
| Disciplina | 620.118 |
| Soggetti | Composite materials |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Sommario/riassunto | <p>This book presents information about composite materials, which have a variety of applications in engineering and aeronautics, transportation, construction, sports, and recreational activities, and so on. The first section evaluates the thermal and mechanical properties of thermoplastic and thermoset polymers reinforced with particles and fibers. The second section discusses new 2D composites such as thin films for their conductivity and shielding properties. In discussing the different materials, Composite Materials include information on the design of the materials, their structure, and their preparation methods.</p> |