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# Carbon Nanofiber Reinforced Polymer Composites

Series: SpringerBriefs in Materials

- Details of SEM/TEM imaging of carbon nanofiber structures and various lightweight composite microstructures
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- Explores experimental values for mechanical, thermal, and electrical properties of various polymer composite types, as well as property data trends
- Guides readers to numerous works that have contributed experimental results with respect to CNFs and their composites

This book presents an extensive review of literature on the properties of carbon nanofibers (CNF) reinforced polymer composites in conjunction with advances in the production and properties of CNFs. It further provides readers a view into the development of lightweight composites whose properties are tailored and enhanced with micro- and nano-reinforcement, along with results from data comparisons from several published investigations.

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