



High-Performance Short-Fiber-Reinforced Polymer Composites

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Message from the Guest Editors

Short-fiber-reinforced polymer composites (SFRPC) are a new type of composite material composed of short fibers and polymer matrix material. They have the advantages of low density, high strength, good stiffness, good processability and design plasticity and are widely used in aviation, aerospace, automotive, machinery and other fields. Most composites do not simply mix several materials together but optimally combine material components with different properties into composites with different microscopic models, mechanical properties and other unique properties.

This Special Issue aims to collect recent articles and reviews in the field of functional high-performance short-fiber-reinforced polymer composites. This Special Issue will cover topics such as short glass/ceramic/natural/organic fibers, carbon nanotubes and nanofibers and related numerical simulation.





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