



High-Performance Thermally Conductive Polymer Composites

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Message from the Guest Editors

Dear Colleagues,

Polymer-based materials are attractive candidates for thermal management because of their light weight, flexibility, and easy processability. However, the inferior thermal conductivity of polymers due to their amorphous structure or weak interchain interactions creates a huge obstacle for efficient thermal conduction. This Special Issue focuses on the selection of more effective materials, and the construction of diversified new systems with high-performance thermal fillers, in order to achieve both ideal thermal conductivity and absorbing properties, as well as other comprehensive properties to meet the application requirements. The aim of this Special Issue is to provide new strategies for the innovative design of thermal conductive composites and expand the application prospects of polymer composites in the field of thermal management.





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Message from the Editor-in-Chief

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