



Frontiers in Polymer Composites

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Message from the Guest Editor

Polymer composites is a multi-phase material that combines the polymer matrix with other organic or inorganic materials resulting in synergistic mechanical properties that cannot be achieved from either component alone. Increasing interest in lightweight, low density, toughness, stiffness, thermal behaviour, low cost, excellent chemical and mechanical stability and other specific properties depending on the desired application leads to significant research activity in composite materials based on polymers. Today, many composites materials based on polymers are at the leading edge of materials technology, with performance and costs appropriate to ultra-demanding applications and conquered different sectors such as the automotive industry, aerospace industry, agriculture, wastewater treatment, biomedical application, manufacturing industries, construction and the marine sector.

The Special Issue Frontiers in Polymer Composites offers a platform for discussion and highlighting the current development in the composites materials based on polymers, including manufacturing techniques, characterization, structure/property relationships, and especially for their applications.





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Message from the Editor-in-Chief

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