Special Issue

Recent Research on Bio-Based Polymer Composites

Message from the Guest Editors

Most bio-based polymers have some limitations, such as low heat distortion temperature, low crystallizability and insufficient mechanical properties, compared to commercial petroleum-derived polymers. In order to overcome these limitations, it is inevitable that some bio-based polymers or petroleum-derived polymers will be used to improve the properties of these biopolymers through blending. In addition, many studies have been devoted to the incorporation of natural fibers such as hemp, flax, and sisal into bio-based polymers. Therefore, this Special Issue will address the above-mentioned points in relation to manufacturing, characterization, and properties of bio-based polymer blends and composites to offer insight into these novel materials. This Special Issue will highlight the progress on the processing, characterization, properties, and applications of bio-based polymer blends and composites.

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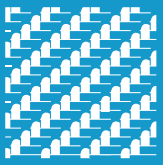

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