



polymers



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Medical Application of Polymer-Based Composites

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Polymer-based compounds play an important role in modern medical applications. Among them, high-molecular-weight polymers modified by biomolecules can increase biological activity and improve their biocompatibility. The composite material formed by the biopolymers combined with other materials can improve the mechanical strength. These materials that can complement polymers include micron, sub-micron, and nano-scale materials. Their application covers the entire field of biomedicine.



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