



## Functional Polymers for Construction Purposes

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### Message from the Guest Editor

Dear Colleagues,

Functional polymers are materials that possess unique properties such as mechanical strength, flexibility, resistance to weathering, and fire resistance. One advantage of functional polymers is the ability to produce them using renewable resources, which contributes to reducing dependence on inefficient and limited natural resources. Furthermore, some of these polymers can be easily processed and recycled, allowing for a reduction in construction waste generation.

Additionally, functional polymers can be used to enhance the energy efficiency of buildings. For example, polymers with insulation properties can reduce heat losses through walls and roofs, resulting in lower energy consumption when heating or cooling. The possibility of using these polymers as solar-reflective coatings also contributes to reducing energy consumption in buildings.

### Keywords:

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