



Biobased Polymers and Flame Retardants

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Message from the Guest Editor

Polymeric materials (polymers) have been widely used in various industrial fields due to their good mechanical properties and thermal and chemical resistance. However, flammability is one of the major disadvantages of polymeric materials, and the flame-retardant property of polymers is generally improved by adding flame retardants.

With the increasing attention to environmental protection, various laws and regulations have been issued all over the world to restrict the use of halogen-containing flame retardants. Thus, green and practical flame retardants have become the trend of development. In addition, with the shortage of non-renewable resources such as petroleum, the demand for renewable biomass resources in industrial applications is increasing. Biobased polymers and flame retardants are able to be synthesized via suitable chemical reactions from biobased raw materials.

In this regard, this Special Issue on “Biobased Polymers and Flame retardants” aims to present the most recent developments in the field of biobased polymers and flame retardants.





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Message from the Editor-in-Chief

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