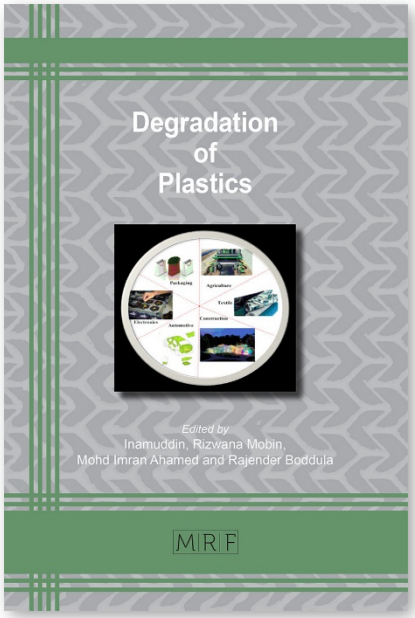
eBook Information

Materials Research
Solid State Physics and Engineering

Degradation of Plastics



Eds. Inamuddin, Rizwana Mobin, Mohd Imran Ahamed and Rajender Boddula

Monograph / PDF eBook DRM Free

The book presents a comprehensive overview of the field of degradation of plastics.

Keyword: Degradable Plastics, Bioplastics, Biodegradable Plastics, Enzymes, Cyanobacteria, Photocatalytic Degradation, Wastewater Treatment, Degradable Plastic Market, Polyethylene, Polypropylene, Polystyrene, Polyvinyl Chloride, Polyurethane, and Polyethylene Terephthalate

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Summary:

The degradation of plastics is most important for the removal and recycling of plastic wastes. The book presents a comprehensive overview of the field. Topics covered include plastic degradation methods, mechanistic actions, biodegradation, involvement of enzymes, photocatalytic degradation and the use of cyanobacteria. Also covered are the market of degradable plastics and the environmental implications.

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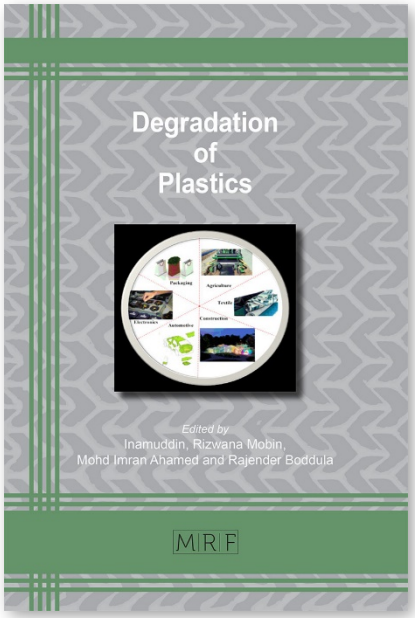

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