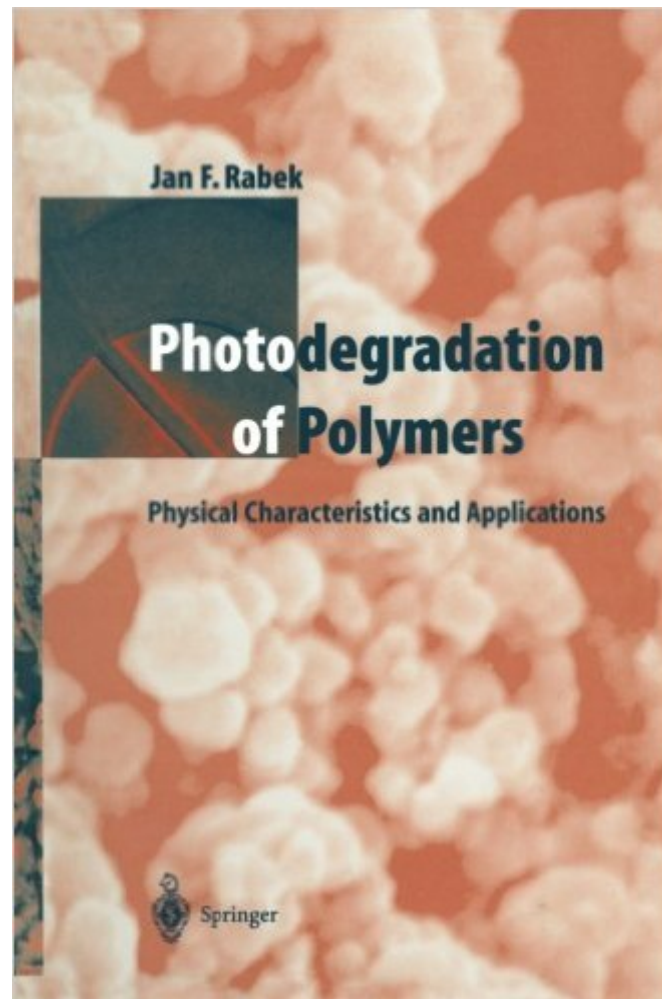


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Photodegradation Of Polymers: Physical Characteristics And Applications



Synopsis

In this book on physical characteristics and practical aspects of polymer photodegradation Rabek emphasizes the experimental work on the subject. The most important feature of the book is the physical interpretation of polymer degradation, e.g. mechanism of UV/light absorption, formation of excited states, energy transfer mechanism, kinetics, dependence on physical properties of macromolecules and polymer matrices, formation of mechanical defects, practices during environmental ageing. He includes also some aspects of polymer photodegradation in environmental and space condition.

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