

Introduction

Polymers are playing an increasingly important role in today's society. Due to the diversity of molecular structures and properties, polymers can be designed for multiple applications and can be found everywhere in our daily life.

Research into polymers is perhaps one of the most multidisciplinary sciences. Chemists, biologists, physicists, engineers..., both from academia and industry, contribute to the progress of this science with so different applications: from plastics for common uses like food containers, drink bottles... to special purpose polymers like fuel cell membranes, polymer-based solar cells, drug delivery systems, tissue engineering, biodegradable packaging materials, polymer systems for OLEDs...

The aim of this book is to share the latest research advances in the field of polymer science in a compilation of 11 chapters written by active researchers using original research materials but presented in a way accessible to a public beyond those ones who are specialists in the topic dealt.

We hope readers will find this second number of the Polymer Science Book Series published by Formatex Research Center (Spain) interesting and stimulating.

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