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Functional Polyurethanes – In Memory of Prof. József Karger-Kocsis

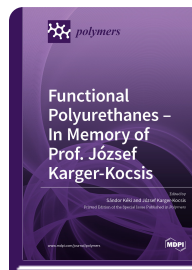
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This book is a collection of 22 per-reviewed scientific papers on the synthesis and characterization of polyurethanes with special chemical and physical properties. In our "plastic age", polyurethanes are one of the most versatile polymers with broad and excellent mechanical and chemical properties. These polyurethanes can be found in many areas of our every day's life ranging from insulators through hard and soft foams to various biomedical devices. The huge number of possible variations in the types of reactants allows the scientists to design and tailor the properties of polyurethanes to specific needs. The fascinating chemistry and materials science of polyurethanes have attracted interests of many scientists. As a result, the progress in this field made by these scholars are summarized in this book with special emphasizes on the structure-property relationships and biomedical applications of polyurethanes as well as their environmental aspects are also highlighted in some papers. Thus, this collection of papers is recommended to all readers who are interested not only in the synthesis and properties of polyurethanes but want to be familiar with the theoretical description of their formation as well.



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