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Plastics Testing and Characterization

Industrial Applications

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Preface

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PREFACE

Designed to provide a polymer materials testing and characterization background to both engineering students and practicing engineers, this book is written at an intermediate level with the technical information and industrial applications needed for an engineer to make the right decisions regarding testing methods, as well as troubleshoot problems encountered in polymer characterization and processing.

Testing and Characterization of Plastics is based on lecture notes from the graduate program Processing of Plastics and Rubber at EAFIT University and the polymer engineering courses at the University of Wisconsin-Madison, as well as the consulting and research and development activities at the Rubber and Plastic Institute for Training and Research (ICIPC) done for the plastics and rubber industry.

The organization of the book, the clear presentation of data, and the industrial case studies in polymer characterization and testing make it an ideal reference book for engineering students and practicing engineers. The information is particularly valuable to part designers, processors, and raw materials suppliers.

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