

Preface to Third Edition

This is the second time that this work has been issued in a modified and updated version. In the preface to the first edition, the original editors (N. R. Legge, G. Holden and H. E. Schroeder) stated that they planned to cover the entire field of Thermoplastic Elastomers – history, chemistry, polymer structure, rheology, physical properties and typical applications. In both the first and second editions we believe that this ambitious goal was met, as evidenced by the fact that this has become the standard comprehensive work of reference in the field. This new edition includes both many of the original chapters (often revised in the light of more recent developments) and some additional ones that cover new topics. Once again the authors of the chapters include both technical experts from the various companies that produce thermoplastic elastomers and academic researchers who deal with some of the newer developments.

We again express our appreciation to the authors, their secretarial staffs and in many cases their spouses for their dedicated efforts in the production of this work. We similarly acknowledge the cooperation of the companies who provided the time and support for their employees to write many of these chapters. These are Advanced Elastomer Systems, L. P., Bayer AG, Dow Chemical Company, E. I. du Pont de Nemours and Company, Exxon Research and Engineering Company, Goodyear Tire and Rubber Company, Kraton Polymers and Olin Corporation.

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