



Elements of Polymer Science and Technology

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Product Description

This book covers the manufacture, properties of important polymers-plastics, rubbers & synthetic fibers. Important Information about various raw materials used for polymer industries, various polymers processing technologies & status of Indian polymer industry are also included. It also contains short questions & answers and multiple-choice questions & answers drawn from the examination papers of various engineering colleges for the benefits of the students. This book is targeted to benefit the following: 1. Diploma in engineering student. 2. Degree in engineering students. 3. AMIE , AMIIM , AMIICHE Students. 4. MSc. & B.Sc. Students. 5. Faculty members and teaching staff. 6. Practicing engineers / Professionals. The scope and coverage of subject matter presented can be gauged from glancing the contents portion of the book to judge its suitability and relevance for a particular target group of reader. Extensive use of internet resources has been made in gathering the relevant information and the subject matter has been presented in a simple, lucid and easy to understand manner for easy grasping of the subject. Latest and updated information /data/ statistics pertaining to the subject matter has been included in this edition for the benefit of the readers.

Table of Contents

Chapter 1: Manufacture, Properties & Applications of Important Plastics. **Chapter 2:** Manufacture, Properties & Applications of Important Elastomers (Rubbers). **Chapter 3:** Manufacture, Properties & Applications of Important Synthetic Fibers. **Appendices**

Authors

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practicing experience of efficient Energy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T Kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited England and France on a study tour sponsored by United Nations Development Program (UNDP) to study the scope of energy conservation in steel plants in 1987.

