

CONTENTS

PART I—MATERIALS	1
Chapter 1 Introduction	3
Chapter 2 Styrenic Thermoplastic Elastomers	11
Chapter 3 Thermoplastic Polyolefin Elastomers	46
Chapter 4 Elastomeric Alloy Thermoplastic Vulcanizates	85
Chapter 5 Single Phase Melt Processible Rubber	141
Chapter 6 Copolyester Thermoplastic Elastomers	181
Chapter 7 Thermoplastic Polyurethane Elastomers	224
Chapter 8 Polyamide Thermoplastic Elastomers	258
PART II—APPLICATIONS	283
Chapter 9 Markets for Thermoplastic Elastomers	285
Chapter 10 Automotive Applications of Thermoplastic Elastomers	305
Chapter 11 Hose, Tubing, and Sheeting	321
Chapter 12 Mechanical Rubber Goods	331
Chapter 13 Electrical Applications of Thermoplastic Elastomers	357
Chapter 14 Medical Applications of Thermoplastic Elastomers	383
Chapter 15 Thermoplastic Elastomers, Future Market Opportunities	399
Index	417