547.8 HIG

CONTENTS

Introduction	Vii
Preparation, Characterization, and Application of Polymer-supported	1
Directly functionalized Ethene – Propene	33
Biodegradable Polymer Systems for the Sustained Release of Polypeptides	58
Hydrogels for Useful Therapy	79
Speciality Silicones as Building Blocks for Organic Polymer Modification	98
Aminoresins: New Uses for Old Polymers	109
Liquid Crystalline Side-chain Polymers in Technology: Present Trends and Future Developments	131
Semi-conducting Polymers as Electro-rheology Substrates	151
Some Applications of Conducting Polymers	174
A Review of Recent Developments Concerning Applications of the "Durham" Route to Polyacetylene	206
Polymer Films for Non-linear Optical Applications	228
Multilayar Devices	247
Electrocatalytic Polymers for Modified Electrodes in Analytical and Preparative Organic Systems	256
Microlithography – for the Year 2000	267
New Chemistry and Technology in the Development of Isocyanate-free Paint Systems	297
Polymer Microgels in Paints	326
Commercial and Technical Aspects of Poly(alky1-2-cyanoacrylate)s	352
Composites in Aerospace Applications	373
Kelvar Aramid Fibers	392
Carbon Fibre Production	420
Main Chain Thermotropic Liquid Crystal Polymers	428
Polyamides: Their Synthesis, Characterization, Properties, and Uses	455
Subject Index	477