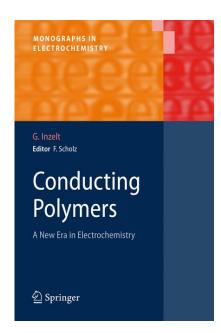


springer.com



György Inzelt, Eötvös Loránd University, Budapest, Hungary

Conducting Polymers

A New Era in Electrochemistry

The discovery of polymers with variable conductivity brought forth a paradigmatic change in chemistry and in other branches of science and technology. Electrochemistry has played a central role in the preparation, characterization and application of these new materials. This book is a systematic survey of the knowledge accumulated in this field in the last thirty years. It includes thermodynamic aspects, the theory of the mechanism of charge transport processes, the chemical and physical properties of these compounds, the techniques of characterization, the chemical and electrochemical methods of synthesis as well as the application of these systems. The book contains a compilation of the polymers prepared so far and covers the relevant literature.

Contents: Introduction.- Classification of the Electrochemically Active Polymers.- Methods of Investigation.- Chemical and Electrochemical Syntheses of Conducting Polymers.- Thermodynamic Considerations.- Redox Transformations and Transport Processes.- Applications of Conducting Polymers.- Historical Background (Or: There is Nothing New Under the Sun)

2008. XII, 282 p. 82 illus., 2 in color. Hardcover Monographs in Electrochemistry

► € 129.95 | £ 100.00 | ISBN: 978-3-540-75929-4

Planned to be published: 28.04.2008

Order Now!

es, please send me copies Inzelt, Conducting Polymers (Monographs in Electrochemistry) ISBN: 978-3-540-75929-4 ▶ € 129.95 £ 100.00			
Please charge my credit card:	 Eurocard/Access/Mastercard 	O Visa/Barclaycard/Bank/Amer	ricard American Express
Number		Valid until	
Available from		Name	
		Dept.	
Springer Distribution Center GmbH Haberstr. 7		Institution	
		Street	
69126 Heidelberg		City / ZIP-Code	
Germany		Country	
		Email	
		Date 🗶	Signature 🗶