

CONTENTS

Spatial Correlations in Copolymers from Dielectric	1
Multiple Dielectric Relaxation Processes in Amorphous Polymers as a Function of Frequency, Temperature and Applied Pressure	17
A Linearized Chain Model for Dielectric Loss in Polymers	45
Computations Based on a Chain Model for Dielectric Loss	73
Internal Relaxation in Short Chains Bearing Terminal Polar Groups	99
Dielectric Properties of Methyl Stearate-A Model Crystalline Polymer	129
The Measurement of Dielectric Constant and Loss of Polymeric Solids and Melts Over a Wide Frequency Range	147
Dielectric Relaxation in Segmented Polyurethanes	217
Dielectric and Mechanical Relaxations in Ethylene Acrylic Acid and Ethylene-Methacrylic Acid Copolymers	237
A Comparative Study of Dielectric Behavior of Polyethylene and Chlorinated Polyethylene	255
Molecular Relations in Substituted Polystyrenes	273
The Electret Properties of a Series of Corona-Charged Substituted Polyolefins	295
Effect of Morphology on the Dielectric Properties of Polystyrene-Polyethylene Oxide Block Copolymers	313
Dielectric Dispersion in Dilute Solutions of Several Para-Substituted Polystyrenes	329
The Influence of Impurities on the Dielectric Losses of Poly (2,6-Dimethyl 1-1,4-Phenylene Ether)	343
Index	371