544.924 INT pt.2

CONTENTS

Problems Encountered in the Determination of Average Molecular Weights by GPC Viscometry	1
High Performance Gel Permeation Chromatography of Polymers	19
Investigations Concerning the Mechanism of GPC	41
Polymer Retention Mechanisms in GPC on Active Gels	49
Problems in Multiple Detection of GPC Eluents	73
Aqueous Gel Permeation Chromatography: The Separation of Neutral Polymers on Silicagel	95
Utilization of Multidetector System for Gel Permeation Chromatography	113
Molecular Characterization of Degraded Polymers	123
Characterization of Polymers with Long Chain Branching-Development of the Molecular	
Weight and Branching Distribution (MWBD) Method	143
Gel Permeation Chromatography of Nitrocellulose	173
GPC and Viscometric Investigations on Grafting Reaction of SAN onto EPM Elastomer	197
GPC of Polyamides	203
Contribution of Gel Permeation Chromatography (GPC) to the Characterization of Asphalts	215
Author Index	249
Subject Index	257