

Contents

Contributions to the Ziegler–Natta Catalysis: An Anthology	1
Gerhard Fink	
Giulio Natta and the Development of Stereoselective Propene Polymerization	37
Vincenzo Busico	
The Slurry Polymerization Process with Super-Active Ziegler-Type Catalyst Systems: From the 2 L Glass Autoclave to the 200 m³ Stirred Tank Reactor	59
L.L. Böhm	
The Use of Donors to Increase the Isotacticity of Polypropylene	81
Toshiaki Taniike and Minoru Terano	
Kinetics of Olefin Polymerization and Active Sites of Heterogeneous Ziegler–Natta Catalysts	99
Lyudmila A. Novokshonova and Vladimir A. Zakharov	
Phillips Cr/Silica Catalyst for Ethylene Polymerization	135
Ruihua Cheng, Zhen Liu, Lei Zhong, Xuelian He, Pengyuan Qiu, Minoru Terano, Moris S. Eisen, Susannah L. Scott, and Boping Liu	
Polyolefin Characterization: Recent Advances in Separation Techniques	203
Benjamín Monrabal	

Erratum to: Phillips Cr/Silica Catalyst for Ethylene	
Polymerization	253
Ruihua Cheng, Zhen Liu, Lei Zhong, Xuelian He, Pengyuan Qiu, Minoru Terano, Moris S. Eisen, Susannah L. Scott, and Boping Liu	
Index	255

Polyolefins: 50 years after Ziegler and Natta I

Polyethylene and Polypropylene

Kaminsky, W. (Ed.)

2013, VIII, 257 p. 140 illus., 70 illus. in color., Hardcover

ISBN: 978-3-642-40807-6