Science and Technology of Polymer Colloids

Preparation and Reaction Engineering Volume I

edited by

Gary W. Poehlein

School of Chemical Engineering Georgia Institute of Technology Atlanta, GA 30332, USA

Ronald H. Ottewill

School of Chemistry University of Bristol Cantock's Close Bristol, BS8 1TS, UK

James W. Goodwin

School of Chemistry University of Bristol Cantock's Close Bristol, BS8 1TS, UK

AB Seite 264 Bd. 68

UNIVERSITÄTSBIBLIOTHEK HANNOVER

TECHNISCHE INFORMATIONSBIBLIOTHEK

1983 Martinus Nijhoff Publishers
A member of the Kluwer Academic Publishers Group
Boston / The Hague / Dordrecht / Lancaster
Published in cooperation with NATO Scientific Affairs Division

RN3023 (67)

a 6. Seite 264 in Bd. 68

J.	W. Vanderhoff	The Making of a Polymer Colloid	1
D.	J. Walbridge	Preparation of Non-Aqueous Polymer Latexes	40
H. E. R.	Ugelstad, P. C. Mørk, R. Mfutakamba, Soleimany, I. Nordhuus, Schmid, A. Berge, Ellingsen & O. Aune	Thermodynamics of Swelling of Polymer, Oligomer and Polymer-Oligomer Particle Preparation and Application of Mono- disperse Polymer Particles.	s: 51
R.	M. Fitch	A Practical Guide to the Control of Latex Particle Size and its Distribu- tion in Emulsion Polymerization.	100
G.	W. Poehlein	Emulsion Polymerization in Continuous Reactors.	112
Α.	E. Hamielec	Emulsion Polymerization Kinetics – – Diffusion Controlled Reactions and Molecular Weight and Branching Development	140
J.	W. Vanderhoff	Autoclave Buildup	167
F.	J. Schork	Continuous Monitoring of Emulsion Polymerization Systems	188
D.	C. Blackley	Production of Carboxylated Latics by Emulsion Polymerization	203
D.	R. Basset	Structure and Growth of Latex Particles	220
D.	Rance	Colloidal Aspects of Vinyl Chloride Polymerization	241
	L. Rowell & M. Kidnie	Characterization of Latexes by Optical Methods	264
R.	Buscall	Stability of Aqueous Latexes	279
Α.	S. Dunn	Absorption of Emulsifiers and Its Effects on Kinetics of Polymerization	s 314
в.	Vincent	The Stabilisation of Latices by Non– Ionic Polymers	335
D.	H. Everett	Properties of Non-Aqueous Colloids	353
D.	W. J. Osmond	Some Residual Problems in the Theory of Steric Stabilisation	369
A. F.	M. Joseph-Petit, Dumont & A. Watillon	Comparison Between Theoretical and Experimental Turbidity Spectra of Medium and Large Size Monodisperse polystyrene Latexes	380