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## Separation & Purification Reviews

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713597294>

**A review of: "HISTORY OF POLYMER SCIENCE AND TECHNOLOGY, R.B. Seymour, Ed. Marcel Dekker, New York, 1982; hardbound, 410 pages, \$65.00."**

Carel J. van Oss

**To cite this Article** van Oss, Carel J.(1983) 'A review of: "HISTORY OF POLYMER SCIENCE AND TECHNOLOGY, R.B. Seymour, Ed. Marcel Dekker, New York, 1982; hardbound, 410 pages, \$65.00."', Separation & Purification Reviews, 12: 1, 117 — 118

**To link to this Article:** DOI: 10.1080/03602548308068398

**URL:** <http://dx.doi.org/10.1080/03602548308068398>

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HISTORY OF POLYMER SCIENCE AND TECHNOLOGY

R.B. Seymour, Ed.

Marcel Dekker, New York, 1982;  
hardbound, 410 pages, \$65.00.

These are the collected papers presented at a joint symposium of the History, Organic Coatings and Plastics, Polymer, and Rubber Divisions of the American Chemical Society, at its 179th National Meeting at Houston, in March of 1980. The papers initially appeared in J. Macromol. Sci.-Chemistry, A15, Nos. 6 and 7. This is a collection of fundamental importance, not only as a history of polymer science sensu stricto, but also as a definitive source of the original references going back to the very foundations of the various polymers treated. The first two chapters are on Coming to an Age of Polymers in Science and Technology, by H. Mark and on the Conformations of Biopolymers, by C.A.J. Hoeve. The other 18 chapters are on the History of: Science and Technology of Polymeric Foams, by K.C. Frisch; Fibers from Synthetic Polymers, by P.W. Morgan; Coatings Science and Technology, by R.R. Myers; Adhesives, by I. Skeist and J. Miron; Development and Growth of Thermosetting Polymers, by R.B. Seymour; Organometallic Polymers, by J.E. Sheats; Engineering Thermoplastics, by R.D. Deanin; Crystalline Polymers, by L. Mandelkern; Polymer Education--USA, by C.E. Carraher, Jr.; Vinyl Chloride Polymers, by W.L. Semon and G.A. Stahl; Natural Rubber, by P.E. Hurley; Synthetic Rubber, by M. Morton; Reinforced Plastics, by J.V. Milewski and D.V. Rosato; Natural Fibers, by C.H. Fisher; Polyolefins, by H.R. Sailors and J.P. Hogan; Irradiation Cross-Linking of Polyethylene, by M. Dole; Styrene and

Polystyrene, by R.F. Boyer; and Heat-Resistant Polymers, by P.E. Cassidy.

As about 90% of the publications on biological separations and purifications pertain to biopolymers, and almost 50% of all separation papers deal with polymers in general, this unique collection should be brought to the attention of all those involved in separation and purification, as well as of all other polymer scientists.

Carel J. van Oss