

CHROM. 13,682

Book Review

Size exclusion chromatography (GPC) (ACS Symposium Series 138), edited by T. Provder, American Chemical Society, Washington, DC, 1980, VIII + 312 pp., price US\$ 30.75, ISBN 0-8412-0586-8.

The volume contains seventeen original papers which were presented at a symposium at the 178th National Meeting of the American Chemical Society, September 10–14, 1979. Almost all of the papers deal with synthetic polymers and oligomers and many of the authors work in industry. The only paper dealing with proteins is an evaluation of Sphero-gel TSK-SW-type gels and is well out of date.

Looking through these papers, one realizes that industrial chemists have already branched out into symbols and nomenclature of their own. For example, in the first paper on "Particles size analysis" one finds "Particle separation can be characterized by the separation factor, R_F , which is the ratio of the eluent to particle elution volumes..." Now which is it —the separation factor or something else? And why R_F ?

The volume, although not typeset but reproduced from the typed manuscripts, is well produced and contains much material for the chemist engaged in the separation of synthetic industrial polymers. It offers little for workers in other fields.

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