
ERRATA

'Intramolecular crosslinking of poly(vinyl alcohol)'

Polymer 1985, **26**, pages 1737–1740

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The address of these Authors is the Department of Chemical Technology, Twente University of Technology, Room 1109, P.O. Box 217, 7500 AE Enschede, The Netherlands, *not* the address given on page 1737. The abstract is repeated here for convenience.

Poly(vinyl alcohol) is crosslinked in dilute solution ($c = 0.1$ wt%) with glutaraldehyde. The reaction product is characterized by viscometry and gel permeation chromatography (g.p.c.). The intrinsic viscosity decreases with increasing degree of crosslinking and does not depend on temperature. G.p.c. reveals that the reaction product is not homogeneous, but consists of a mixture of particles with different sizes, possibly both intra- and intermolecularly crosslinked molecules. The intramolecularly crosslinked molecules are smaller in size than the initial polymer molecules and their size depends on the degree of crosslinking. They possess a narrow particle size distribution even if the initial polymer sample had a broad molecular weight distribution.

(Keywords: poly(vinyl alcohol); intramolecular crosslinking; gel permeation chromatography; molecular weight distribution; intrinsic viscosity; fractionation)

'Laser generation of ultrasound in high-modulus fibres'

Polymer 1987, **28** (Commun.), pages 14–15

J. J. Smith, H. Jiang, R. K. Eby and W. W. Adams

Page 15, ref. 1 should read: Coulomb, C. A. *Royal Acad. Sci. (Paris) Mem. Math. Phys.* 1780, **9**, 166 and see also *Hist.* 1784, **13**, 229

'Selective permeation across a blend film of cellulose acetate and polymer or copolymer of c-(N^ε-AcrLys-Sar)'

Polymer 1985, **26**, pages 774–780

Akisha Mori and Yukio Imanishi

Page 775, second line of section on Permeation of phenylalanine, should read '... alanine was investigated. A permeation cell with a 100ml...'

'Crystalline structure of poly(diaryl siloxanes)'

Polymer 1985, **26**, pages 1527–1530

T. M. Babchinitser, L. G. Kazaryan, L. M. Tartakovskaya, N. G. Vasilenko, A. A. Zhdanov and V. V. Korshak

Page 1527, column 1, the symbol D in formulae 2 and 3 should be replaced by O

Page 1528, Table 1, the symbol D in formulae 1–3 should be replaced by O; also, the middle column under 'Crystalline structure' should read 'Crystal density (g cm^{-3})'

Page 1528, Table 2, the symbol D in the formulae in column 1 should be replaced by O

Page 1529, Figure 1, labels B and C should be transposed
Page 1530, Table 3, the symbol D in the formula should be replaced by O

Page 1530, Table 3, the penultimate entry in the column

listing values of d from experimental X-ray diffraction data should be 0.380

'Synthesis, electrochemical polymerization and properties of poly(2,5-di(-2-thienyl)-pyrrole)'

Polymer 1986, **27**, pages 455–458

The list of Authors given on the first page of this article should read **Gordon G. McLeod, M. G. B. Mahboubian-Jones, Richard A. Pethrick and Steven D. Watson**
Page 457, Figure 4 ordinate, the numbers -6 and -8 should be transposed

'Physical properties and structure of silk: 9. Liquid crystal formation of silk fibroin'

Polymer 1985, **26**(Commun.), pages 60 and 61

Jun Magoshi, Yoshiko Magoshi and Shigeo Nakamura

Page 60, column 1, line 26, anterior should read posterior
column 2, line 13, α -form should read β -form
column 2, Figure 1 caption, '*Bombyx mori* gland' should read '*Bombyx mori* 20 min after the gland was removed'

'pH-regulated photocatalysis with TiO_2/Pt suspension: degradation and polymerization of poly(ethylene oxide) in aqueous solution'

Polymer 1985, **26**(Commun.), pages 292–294

Sei-ichi Nishimoto, Bunsho Ohtani, Hiroshi Shirai, Shuji Adzuma and Tsutomu Kagiya

The title given on the first page of this article is incorrect. The correct version is given above