ERRATA

Errata

'Temperature dependence of some thermodynamic functions for amorphous and semi-crystalline polymers'
Polymer 1984, **25**, pages 579–599

V. B. F. Mathot

Page 581, column 2, equation (20) should read:

$$\Delta h(T)_{HT,=0}=\frac{\Delta h(T_m)}{T_m}\cdot T \qquad (20)$$

Page 583, *Figure 2* caption, equation (44) should read equation (43).

Page 583, column 2, paragraphs 1, 3 and 4, equation (25) should read equation (26).

Page 585, *Table 1*, line 4, column 11, references 55 and 56 should read 85 and 87.

Page 587, footnote *c*, PB should read PBI.

Page 591, column 1, paragraph 6, line 7, '10 K' should read '...some tens of degrees'.

Page 592, *Table 3*, line 7, column 4, 0.964 should read 0.954.

Page 597, paragraph 1, line 7, should read '...work, $T_m=414.6$ K), 0.5% (Wunderlich *et al.*), 1%...'. Line 8 should read '... 1% (Atkinson *et al.*[40]) to 2% (Broadhurst, $T>250$ K)...'.

Page 597, column 2, paragraph 2, line 11, should read '...Mathot *et al.*[184]).

Erratum

'Residual temperature dependence of normalized diffusion of polystyrene latex in aqueous solutions'
Polymer 1984, **25**, pages 467–472

B. J. Hill, S. P. Spragg and F. MacNeil Watson

The dimensions of temperature in *Figures 1* and *2*, and *Tables 1* and *3* should have been Kelvin and not Celsius as given in the paper.

Erratum

'Crystallization and melt behaviour of isotactic poly(2-vinylpyridene)'
Polymer 1985, **26**, pages 283–287

G. O. R. Alberda van Ekenstein, Y. Y. Tan and G. Challa

Page 286, *Table 1* should appear as:

Table 1 Low-melting (LM) and high-melting (HM) peak temperatures and heats of fusion as a function of heating rate of isotactic poly(2-vinylpyridine) crystallized at 130°C

Heating rate (K/min)	T_{LM} (°C)	T_{HM} (°C)	ΔH_{LM} (kJ mol^{-1})	ΔH_{HM} (kJ mol^{-1})	ΔH_{LM+HM} (kJ mol^{-1})
2.5	177.5	198.5	0.14	1.93	2.07
5	177	199.5	0.20	1.72	1.92
10	177	196	0.42	1.56	1.98
20	177	193	0.67	1.02*	1.69*

* These lower values may be due to less recrystallization, because of the high scan speed, signifying that recrystallization is not very fast

Errata

'Crystal structure of cellulose polymorphs by potential energy calculations: 1. Most probable models for mercerized cellulose'
Polymer 1984, **25**, pages 107–114

A. J. Pertsin, O. K. Nugmanov, G. N. Marchenko and A. I. Kitaigorodsky

Page 108, *Figure 1*, atoms C5 and C6 should be linked by a solid line.

Page 108, column 2, lines 6–8 should read: '...The chain position with O4 at $(0, -y, 0)$ for the origin chain and $(\frac{1}{2}, \frac{1}{2}-y, z)$ for the centre chain corresponds to $\phi^1=\phi^2=-\pi/2$. Paragraph 3, line 4 should read: 'parameter h...'.

Page 109, caption to *Table 1*, the correct unit for distances is Å.

Page 110, column 1, lines 2–4 should read: '...This corresponds to variation of ϕ^k within relatively narrow intervals around $\phi^k\approx\pm\pi/2$ for $p^k=1$ or $\phi^k\approx 0$ and π for $p^k=-1$.

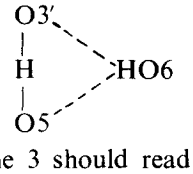
Page 110, column 1, equation (7) should read:

$$\begin{aligned}&\phi(\eta^1,\phi^1,p^1;\eta^2\mathrm{m}\phi^2,p^2,s)\\&\quad=\phi(\eta^2,\phi^2,p^2;\eta^1,\phi^1,p^1,-s)\\&\quad=\phi(\eta^1,\phi^1+\pi,p^1;\eta^2,\phi^2+\pi,p^2,s)\\&\quad=\phi(\eta^1,\phi^1,p^1;\eta^2,\phi^2+\pi,p^2,s+\tfrac{1}{2})\\&\quad=\phi(\eta^1,\phi^1+\pi,p^1;\eta^2,\phi^2,p^2,s\pm\tfrac{1}{2})\end{aligned} \qquad (7)$$

In the definition for crystallographically distinct regions (a) and (b) $\tau_i/2$ should be replaced by $\pi/2$.

Page 111, caption to *Table 2*, the correct unit for distances is Å.

Page 111, column 1, paragraph 4, the correct scheme of the 'cyclic' bond is



Page 112, column 2, line 3 should read $O6_1H...O2_1^a$ (3.81).

Page 112, column 2, paragraphs 4 and 5, the authors of ref. 9 are Stipanovich and Sarko.

Page 114, the minima in *Figure 6* should be labelled as a_1, a_3, a_2, a_1, a_1, a_3, when going from the left to the right.

Errata

'Molecular association complex of urea with polyethylene: 3. Structural studies of the complex'
Polymer 1983, **24**, pages 149–154

F. Yokoyama and K. Monobe

Page 151, column 1, equation (3) should read:

$$\langle F_G(h,k,l_G)\rangle_\gamma = \sum_j f_i[1+\exp(i\pi l_G)] \times \langle \exp\{2\pi i R r_j \cos[\psi-(\chi+\phi_j)]\}\rangle_\gamma \exp(2\pi i l_G z_j/c_G) \quad (3)$$

Page 153, column 1, lines 33 and 36, '$n=10$' should read '$n=12$'.

Errata

'Kinetics of acid catalysed degradation of cellulose triacetate in chloroalkane solvents: 1. Dichloromethane'
Polymer 1985, **26**, pages 297–300

P. Howard and S. U. Malook

Page 298, *Figure 1* caption, (△) and (▲) should have been (▽) and (▼).

Page 299, *Figure 2*, the ordinate axis should have been labelled $10^5/\bar{M}_t$.

Page 299, *Table 2*, line 5, column 2, 258 should have read 158.

Page 300, column 2, the 'number' for equation (8) was omitted, equations (8) and (9) should have appeared as:

$$\underset{\text{fast}}{\overset{H^+}{-O-}} + Ac_2O \rightarrow \underset{\text{H slow}}{-O-} \rightarrow -OAc + AcO- + H^+ \quad (8)$$

$$\underset{\text{fast}}{\overset{Ac^+}{-O-}} + Ac_2O \rightarrow \underset{\text{Ac slow}}{-O-} \rightarrow -OAc + AcO- + Ac^+ \quad (9)$$