

Correction to Viscoelastic Evaluation of Average Length of Cellulose Nanofibers Prepared by TEMPO-Mediated Oxidation

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The value of the longest relaxation time, τ , used for calculation of nanofiber length (7.32×10^{-2} s) is correctly 13.6 s, an inverse of the former one. The correction comes from our mistaking the value of frequency ($7.32 \times 10^{-2} \text{ s}^{-1} = 0.46 \text{ rad s}^{-1}/2\pi \text{ rad}$) corresponding to the crossover point between terminal relaxation and rubbery plateau regions for the value of τ . Values of average nanofiber length, L , calculated to be 2.2 and 1.9 μm with or without consideration to surface charge, are subsequently corrected to be 13.7 and 12.2 μm , respectively. The validity of the corrected values of nanofiber length will be examined in forthcoming paper.

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