Supplementary information

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The ¹H NMR of PVF



Fig S1. H^1 NMR spectra of PVF in d^6 -DMSO

The degree of acetalization (DA) of PVF is calculated from the

formulas¹:

$$DA = \frac{A_a}{A_b + A_c} \times 100\%$$

or

$$=\frac{A_a}{A_a + A_{OH}} \times 100\%$$

Here, A_a , A_b , A_c and A_{OH} is the integral area of the corresponding signal in Fig S1.

 I. Pollers, P. Adriaensens, R. Carleer, D. Vanderzande and J. Gelan, *Macromolecules*, 1996, 29, 5875-5881.