Supporting Information for:

The sol-gel transition of ultra-low solid content TEMPO-cellulose nanofibril/mixed-linkage β-glucan bionanocomposite gels

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Figure S1. Modulus of neat MLG. Black symbols 20 g L⁻¹ MLG, red symbols 10 g L⁻¹ MLG, and blue symbols 5 g L⁻¹ MLG. Squares G', triangles G'', and circles complex viscosity.
Figure S2. Sol-gel transitions for TEMPO-CNFM/MLG systems as a function of MLG concentration (cf. Table 1). a) first transition with 0.05 % (w/v) TEMPO-CNFM, b) first transition with 0.10 % (w/v) TEMPO-CNFM, c) first transition with 0.20 % (w/v) TEMPO-CNFM, d) first transition with 0.25 % (w/v) TEMPO-CNFM, e) second transition with 0.10 % (w/v) TEMPO-CNFM, and f) second transition with 0.20 % (w/v) TEMPO-CNFM. Data for 0.15 % (w/v) TEMPO-CNFM is shown in Figure 3. Lines between data points were generated by using spline interpolation in MATLAB.
**Figure S3.** Sol-gel transitions for MLG/TEMPO-CNFO systems as a function of TEMPO-CNFO concentration (cf. Table 1). a) first transition with 0.031 % (w/v) MLG, b) first transition with 0.625 % (w/v) MLG, c) second transition with 0.016 % (w/v) MLG, d) second transition with 0.031 % (w/v) MLG, and e) second transition with 0.063 % (w/v) MLG. Data for 0.125 % (w/v) MLG is shown in Figure 4. Lines between data points were generated by using spline interpolation in MATLAB.
Figure S4. Scaling of crowding factor, $N$, with the number of MLG chains. The slope of the linear fit is -2.73.