Supporting Information for

Solution behavior of reverse triblock reverse poly(butylene oxide)-poly(ethylene oxide)-poly(butylene oxide) copolymers with lengthy hydrophilic blocks.

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Table S1. Lowest clouding temperatures for some $BO_nEO_mBO_n$ triblock copolymers.

Copolymer	$T_{cl,\ min}$ (°C)	*Copolymer*	$T_{cl,\ min}$ (°C)	*Copolymer*	$T_{cl,\ min}$ (°C)
$BO_{23}EO_{68}BO_{23}$	4.0	$BO_{12}EO_{260}BO_{12}$	25.0	$BO_{20}EO_{411}BO_{20}$	41.5
$BO_{12}EO_{76}BO_{12}$	12.0	$BO_{10}EO_{271}BO_{10}$	32.0	$BO_{10}EO_{410}BO_{10}$	53.0
$BO_5EO_{91}BO_5$	53.0	$BO_{12}EO_{227}BO_{12}$	32.0	$BO_{21}EO_{385}BO_{21}$	50.2
$BO_8EO_{90}BO_8$	43.0	$BO_{10}EO_{227}BO_{10}$	45.0	$BO_{14}EO_{378}BO_{14}$	59.7

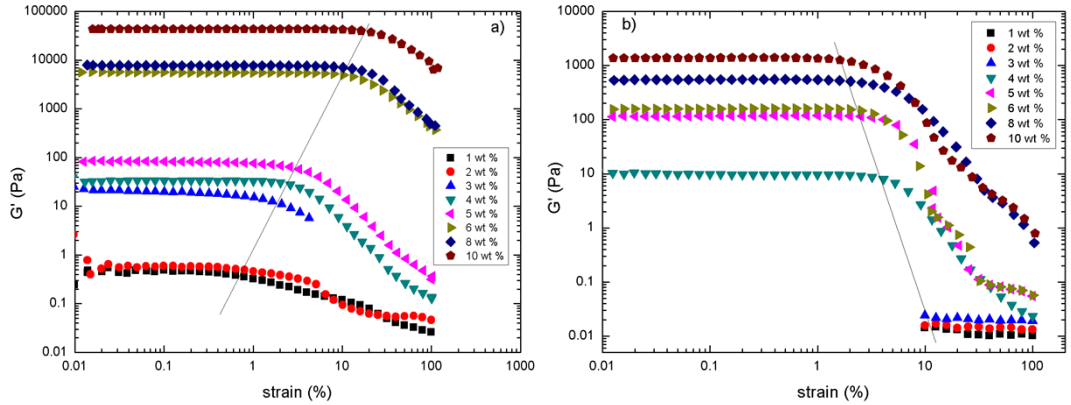

Figure S1. Strain sweep texts for copolymers a) $BO_8EO_{90}BO_8$ and b) $BO_{20}EO_{411}BO_{20}$ at different concentrations. The straight line points to the beginning of the non-linear region.

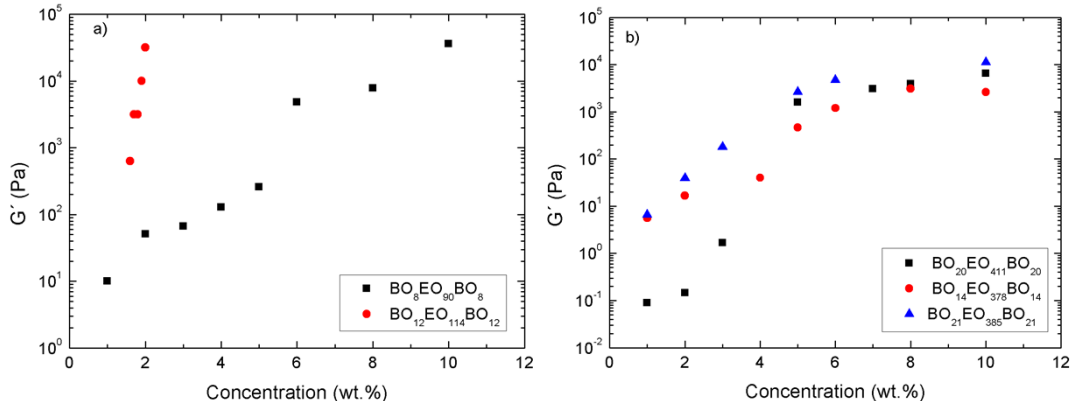

Figure S2. Plots of G'_{max} against concentration for copolymers a) (O) $BO_{12}EO_{114}BO_{12}$ and (ᔓ) $BO_8EO_{90}BO_8$; and b) for (O) $BO_{20}EO_{411}BO_{20,}$ (ᔓ) $BO_{14}EO_{378}B_{14}$, and (□) $BO_{21}EO_{385}B_{21}$.

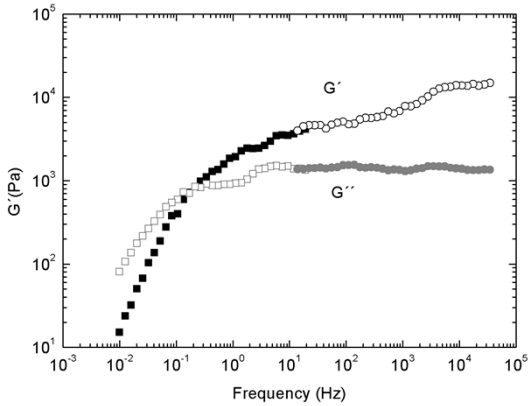

Figure S3. Master curve plots obtained for copolymer $BO_{20}EO_{411}BO_{20}$ at 12 wt.% (reference temperature T_r = 10ºC).

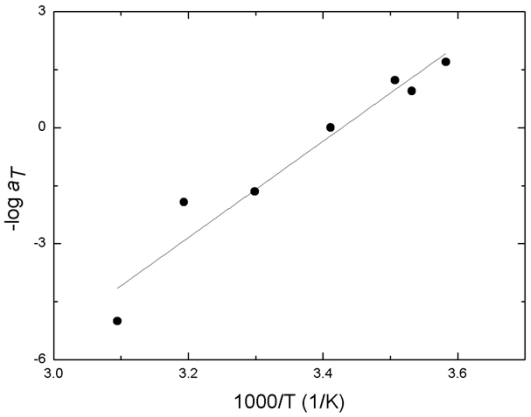

Figure S4. Arrhenius plot for scaling parameter a_T for copolymer $BO_8EO_{90}BO_8$ at 8 wt.%.