

Supporting Information

Pressure effects on the Dynamic Heterogeneity of Miscible Poly(vinyl acetate)/Poly(ethylene oxide) Blends

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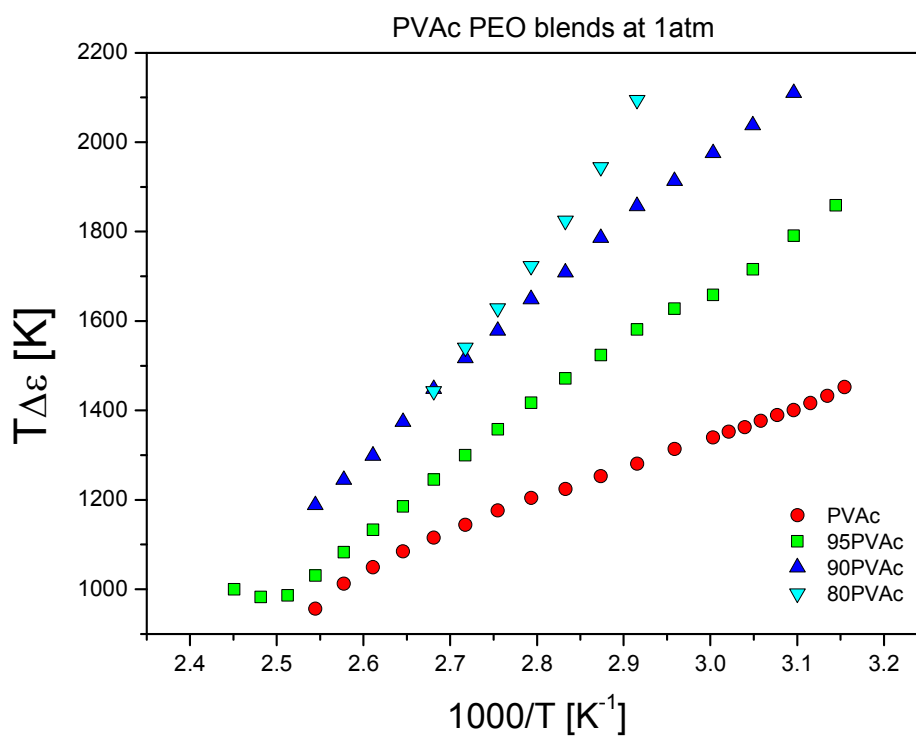


Figure S1. Effective dielectric strength of the PVAc homopolymer (circles) and of the PVAc/PEO blends with $\phi_{\text{PVAc}}=0.95$ (squares), 0.9 (up triangles) and 0.8 (down triangles). Notice the strong temperature dependence that reflects the changing specific interactions.

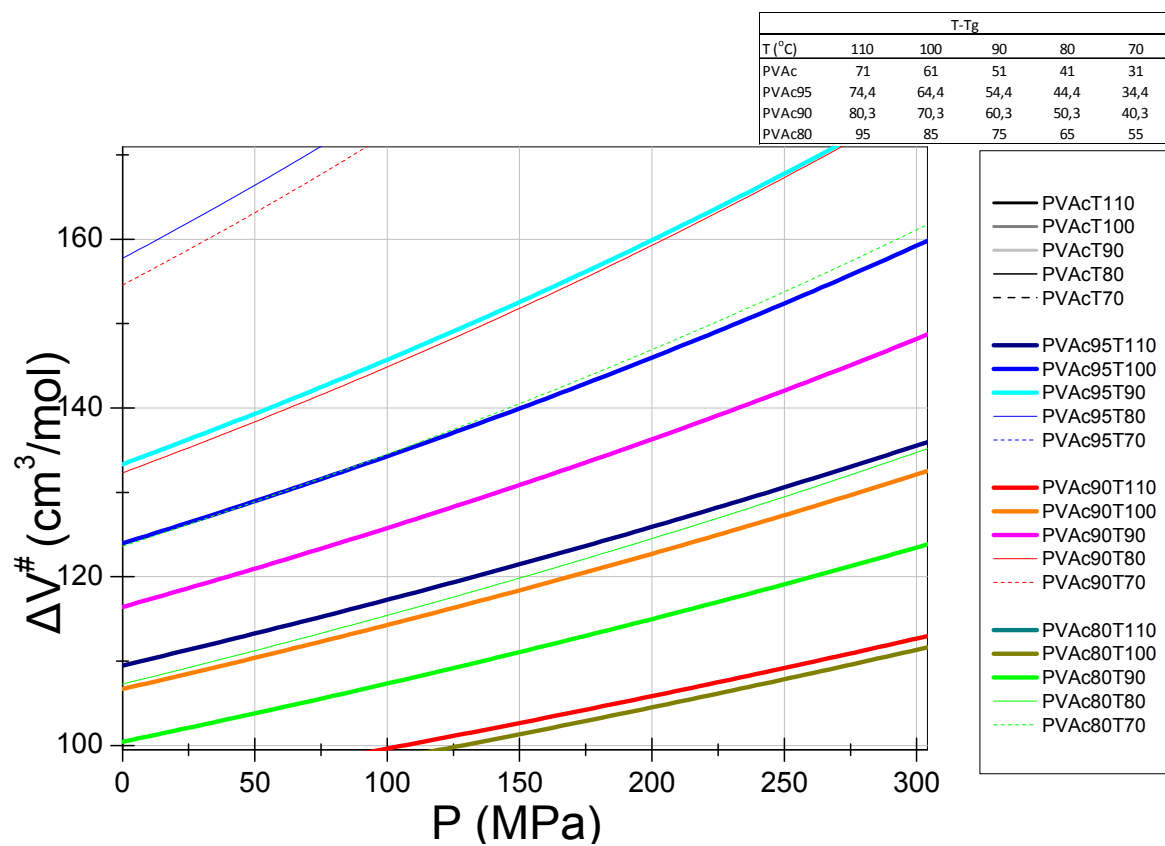


Figure S2. Comparison of the apparent activation volume for the PVAc homopolymer and the blends with $\phi_{\text{PVAc}}=0.95, 0.90$ and 0.80 plotted as a function of pressure for different temperatures as indicated. The solid lines are fits according to eq. 10.