Supporting Information

Effect of the graft architecture of polymer-grafted nanoparticles on tribological behavior in polymer-brushed nanochannels

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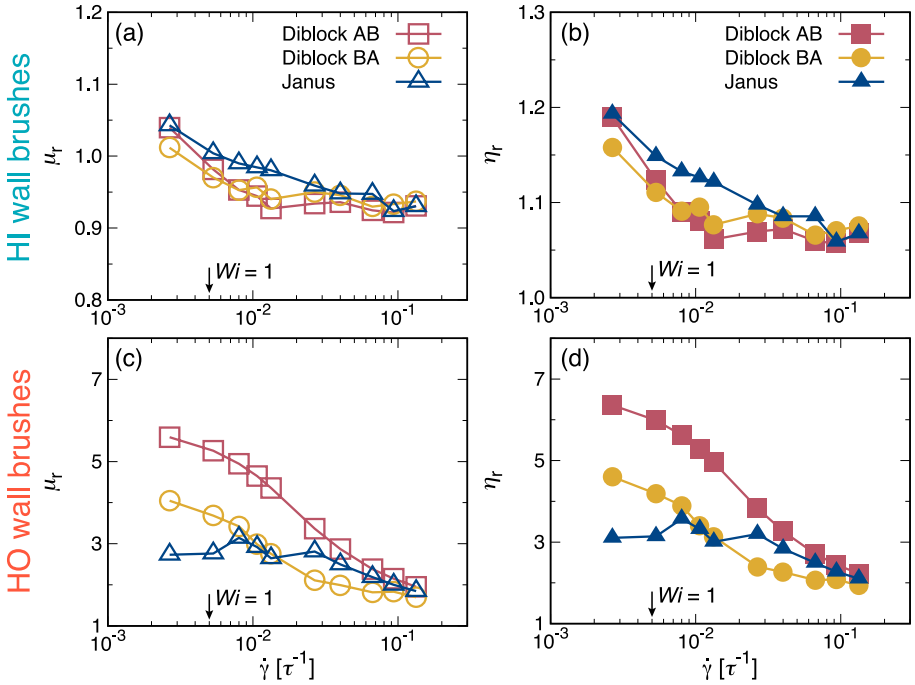

Figure S1: Normalized friction coefficient and shear viscosity as functions of shear rate for (a, b) hydrophilic (HI) and (c, d) hydrophobic (HO) wall brushes. The data are normalized by the corresponding reference systems without PGNPs, *i.e.*, $\mu_r = \mu/\mu_0$ and $\eta_r = \eta/\eta_0$, where μ_0 and η_0 are obtained from simulations under the same wall condition and shear rate.