

Supporting Information : Varying the rheological behavior of a micellar solution via modified microscopic structures in the presence of graphene oxide

Takumi Kusano,* Norihiro Oyama, Hiroaki Yoshida, and Hiroya Tanaka

Toyota Central Research and Development Laboratories, Inc. Nagakute, Aichi, Japan

E-mail: kusano@mosk.tytlabs.co.jp

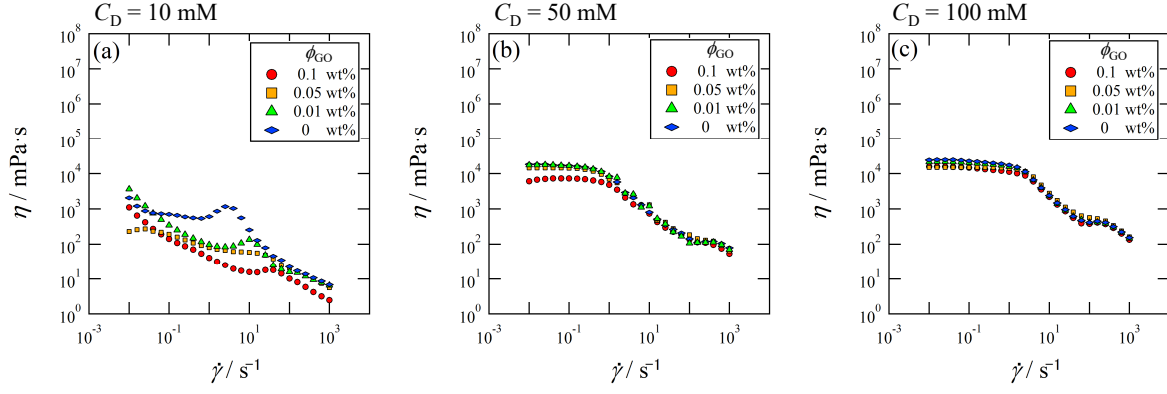


Figure S1: Log-log plot of the shear viscosity η of cetyltrimethylammonium bromide(CTAB)/sodium salicylate(NaSal)/graphene oxide(GO) dispersions as a function of the shear rate $\dot{\gamma}$. Different panels present results for systems with different concentrations of CTAB (C_D): (a) $C_D = 10$ mM, (b) $C_D = 50$ mM, and (c) $C_D = 100$ mM. NaSal concentration is identical to CTAB concentration. Symbols distinguish the concentration of the GO, ϕ_{GO} , as indicated in the legend.