

Description of Additional Supplementary Files

Supplementary Movie Legend

Supplementary Movie 1: The video demonstrates that the total volume of a PS-PDMS suspension with a particle volume fraction of $\varphi = 0.61$ remains constant under axial strains. Initially, the sample was placed within a parallelplate cell with a gap size of $d = 1.5$ mm and then uniaxially stretched to $d = 2$ mm. After undergoing oscillatory relaxation at $d = 2$ mm, the sample was compressed back to $d = 1.5$ mm.