

Abstract Submitted  
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**Shear Modulus of a Depletion-Induced Colloidal Gel** CHAN-  
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University — Mechanical properties of a colloidal gel are of great interest because  
they are related to the processability of the colloidal dispersion and its stability. We  
measure the shear modulus for colloidal gel networks induced by depletion attraction  
and determine the relationship between the strength of the depletion attraction and  
the magnitude of the shear modulus.

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