

Supporting Materials

Effective dispersion of aqueous clay suspension using carboxylatednanofibrillated cellulose as dispersant

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Table S1 Average particle size of clay suspension

Sample	Clay suspension (28.3%)	Clay suspension (29.2%)
D50 (μm)	2.03	2.53

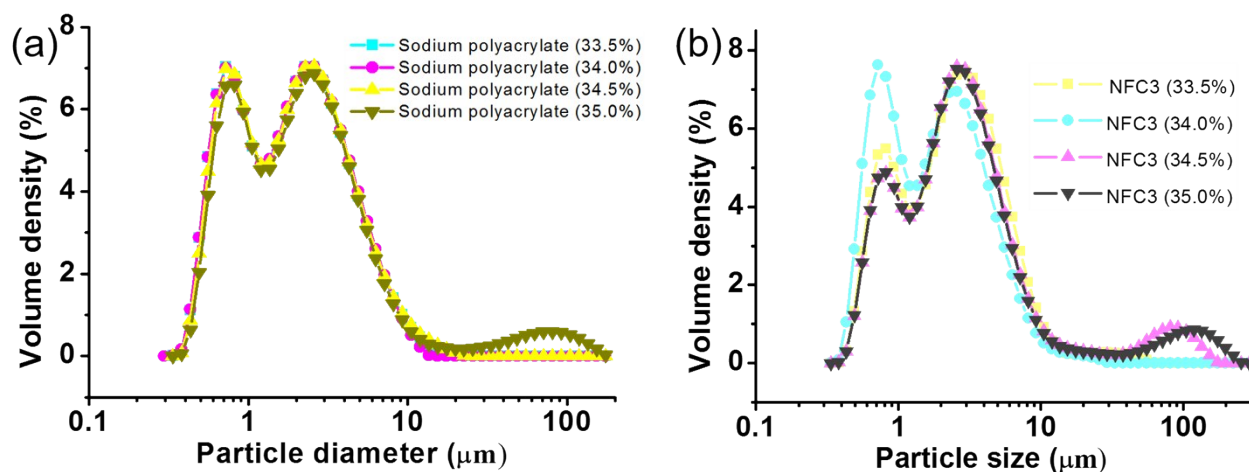


Figure S1 Particle size distribution of (a) sodium polyacrylate-assisted dispersed clay dispersions and (b) NFC3-assisted dispersed clay dispersions as a function of solid content.

Table S2 The characteristics of two types of NFC for dispersing clay suspension

Samples	Carboxylcontent (mmol/g)	Cycles (D10) (5000psi)	Cycles (D4) (20000psi)
3	1.157	1	1
4	0.875	1	1