A Colloidal Model to describe the Effects of Mixing Time on UNIVERSITY OF **Filler Dispersion in Industrial Nanocomposites** Cincinnati Ugochuckwu Okoli^a, Vishak Narayanan^a, Kabir Rishi^a, Gregory Beaucage^a, Vikram Kuppa^b, Alex McGlasson^a, Jan Ilavsky^c

- shear mixing.
- electrical conductivity measurements.
- on x-ray scattering has been proposed.¹
- energy in the dispersion.²
- strain in nanocomposites.

