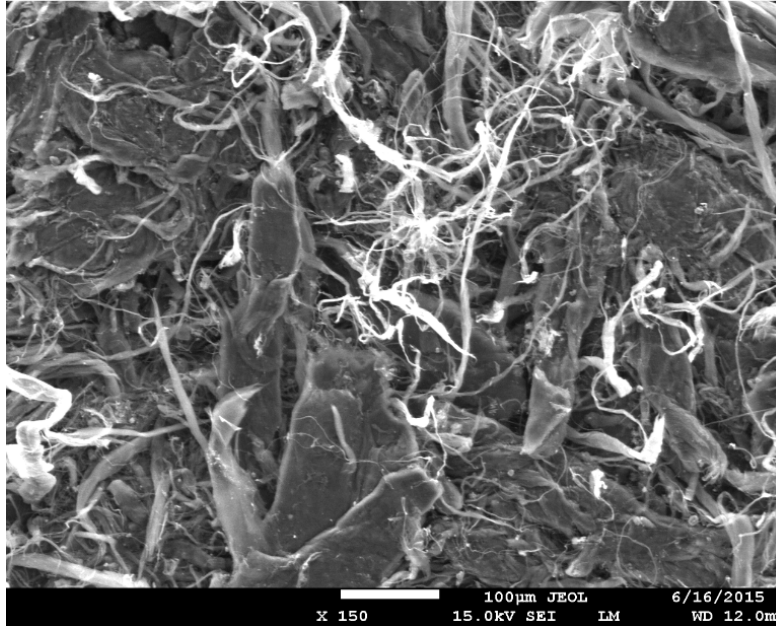


Disperse CNT

Q500 Sonicator with 1" diameter probe



Protocol

Sample Type: CNT with surfactant
Sample volume: 200ml
Sample Concentration Details: 0.15% CNT
Sonicator Amplitude Setting: 80%
Sonication Pulse Rate: 20 seconds ON, 40 seconds OFF
Total Sonication ON Time: 72 minutes
Sample Process Temperature: Beaker is in ice bath

Customer Notes

- The quality of the nanotubes can affect results.
- Once we get a good formulation (a correct viscosity/conductivity), the Sonicator is very good with reproducibility.
- The longer the pulse off time, the lower the viscosity of the sample
- Final dispersion is ~100cP viscosity