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