Particle Characterization: Module 7, Lecture 19

1. What are potential drawbacks with the RCA process?

2. How do surfactants help loosen particles from surfaces?

3. How does drag force depend on μ, V, and d_p under low velocity conditions?

4. How does drag force depend on μ, V, and d_p under high velocity conditions?

5. How can you make a boundary layer thin?

6. What is the mechanism of ultrasonic cleaning?

7. What is the mechanism of megasonic cleaning?

8. How does megasonic force depend on f, A?

9. How does ultrasonic force depend on f, A?

10. How can megasonic field be made more uniform?