
Segregation Tutorial - Seminar

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What you will learn:

Segregation occurs due to a variety of mechanisms. The fines may sift through a coarse matrix resulting in size separation of particles. The fines may also be carried by air currents and deposit in process vessels where entrainment velocities decrease below some minimum value. These and other mechanisms cause different segregation patterns in process equipment and the solution to a general segregation problem often requires knowledge of the cause. This is especially true when approaching the problem from a product design point of view. Attendees will learn about basic flow properties that influence segregation and the role they play. Discussion will be focused on product design to prevent segregation from occurring as well as process design to minimize its effects. This tutorial is designed to provide practical information to engineers, quality control personnel, plant managers, and formulators.