

Particle Characterization: Module 2, Lecture 1

1. What does the conventional definition of particle size imply about shape?
2. Define shape.
3. Is shape intrinsic or extrinsic? Sketch an example.
4. Is the shape of a porous object different from a non-porous one?
5. What are the 3 steps in shape analysis?
6. What are some types of shape data gathering & analysis methods?
7. Outline a statistical method for shape assessment in a particulate assembly.
8. Explain the concept of “diminishing return” in the context of shape analysis.
9. State the Hausner postulate.
10. What are the classes of shape analysis?