



Applications

Fluid-Bed Drying

Control agglomeration, particle strength, & size to improve drying, flow, & product performance

Particle Size
Distribution

Fragile vs.
Robust Particles

Agglomeration
Efficiency

Morphology &
Surface Texture

Process-Relevant Insights

Particle properties in fluid-bed drying directly impact product quality, flow, and stability. Our analysis helps you optimize these critical factors all-in-one.

- + Monitor agglomerate size & shape to ensure durability
- + Control particle size distribution for uniform drying
- + Identify fragile agglomerates prone to breakage
- + Optimize morphology to obtain ideal dissolution

What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer measures size, agglomerate strength, and particle morphology of your fluid-bed dried powder. These insights help optimize drying performance and product quality while reducing fines, variability, and process downtime.

What You Gain

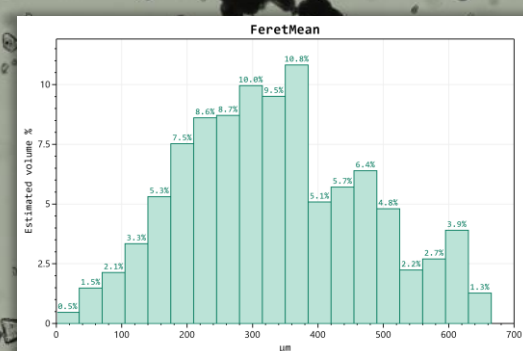
- ✓ Improved product consistency & flowability
- ✓ Reduced fines and agglomerate breakage
- ✓ Enhanced drying efficiency and throughput
- ✓ Faster troubleshooting and process optimization

Read more at

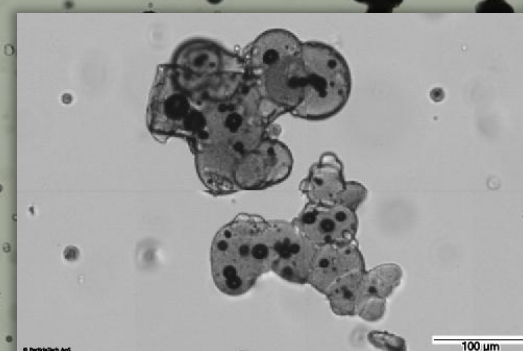
particletech.dk/fluidbeddrying

U.S. Patent No. 12,281,973

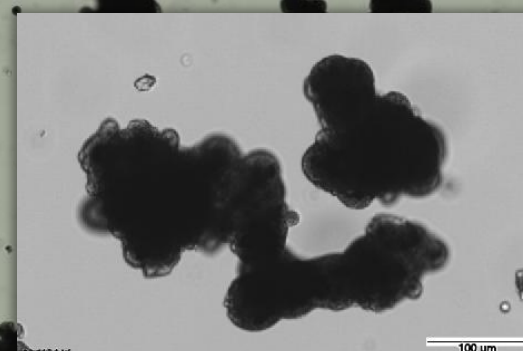
U.S. Patent No. 12,591,962



Powder Size Distribution



Optimizing dissolution



Fragile vs. Robust Particles