



Applications

Catalyst Production

Quantify coating quality, particle size, and morphology for consistent catalyst performance

Particle Size Distribution

Particle Morphology

Sphericity & Shape

Agglomeration Detection

Process-Relevant Insights

Catalyst efficiency depends on precise control of both the support particles and the final catalyst to ensure consistent catalytic activity & quality.

- + Assess catalyst sphericity for better catalytic activity
- + Detect agglomerates that reduce surface area
- + Control support particle & and shape before coating
- + Verify particle consistency after coating

What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer reveals particle size, shape, sphericity, and agglomeration, suitable for both support particles and final catalysts. Even catalysts sensitive to air or moisture can be measured without any problems, giving you fast insights into coating quality and particle consistency.

What You Gain

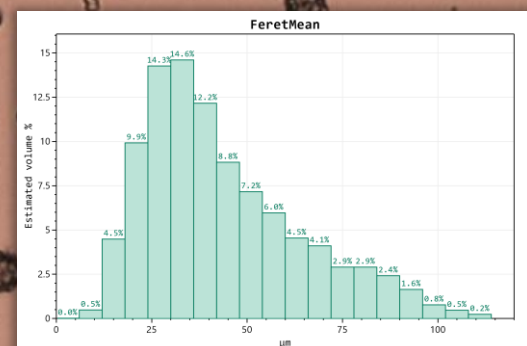
- ✓ Improved catalyst performance with particle control
- ✓ Consistent coating quality across batches
- ✓ Reduced rework and material waste
- ✓ Faster optimization of catalyst coating processes

Read more at

particletech.dk/particletechanalyzer

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

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



Catalyst Size Distribution



Agglomerate Detection



Sphericity Analysis