

AVEKA

**SPECIALIST IN PARTICLE TECHNOLOGY
TOLL MANUFACTURING**

EMPLOYEE OWNED

ENGINEERED PARTICLES

AVEKA has many techniques to engineer particles that are applied to a wide range of materials serving a variety of industries such as food, specialty chemical, personal care, and agribusiness. Our broad scientific and engineering expertise gives us the ability to investigate and tailor the particles to best meet your needs.

The technologies we use to design engineered particles include processes such as spray-drying, prilling, coating, surface modification and microencapsulation. We offer a number of bead formation techniques that provide innovative delivery systems. Each technique offers unique and specific advantages:

- ENHANCED POWDER FLOW
- RELEASE MECHANISMS
- SURFACE MODIFICATION
- BEAD FORMATION

AVEKA is your GO-TO particle solution provider from R&D to production.

AVEKA brings years of particle engineering experience, with proven technologies and an extensive intellectual property position to assist in developing and producing your unique, functional particle.



When specific particle attributes are desired, but are not easily obtained, engineering the particles might be the solution. For example, particles could be engineered to surround materials (liquid or solid) with a coating. Engineered particles could also have a distinct core and shell (like an egg), or have a homogeneous matrix structure (like a blueberry muffin). The coating could be rigid or soft, impervious or porous, complete or partial. There are many methods and technologies that are employed to enhance a variety of materials, each method providing unique advantages to the final particle.



THE AVEKA ADVANTAGE



CUSTOMER TESTIMONIAL

"I had a very positive experience consulting with employees at **AVEKA** regarding a project my team was working on. They were very willing to meet with us and discuss collaborative efforts to help the project succeed. Timely correspondence and expert insights made interactions productive and pleasant."