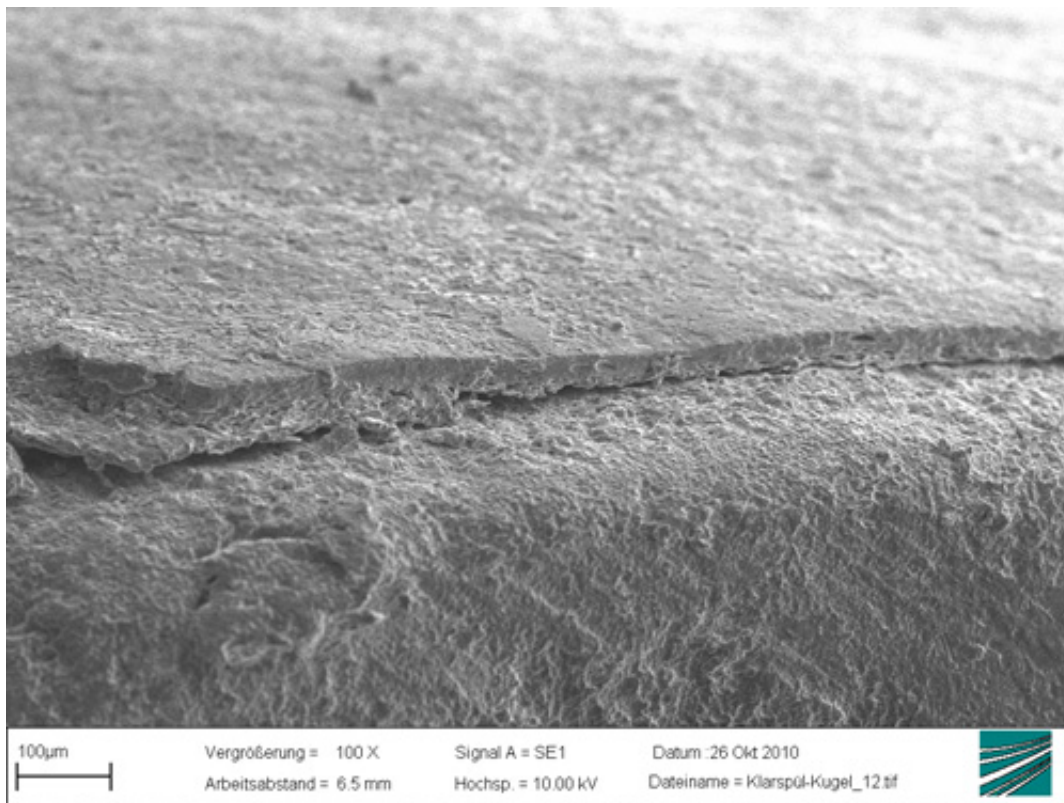


Coating

Film Coating

Wafer-thin functional coatings for tablets and other particles.



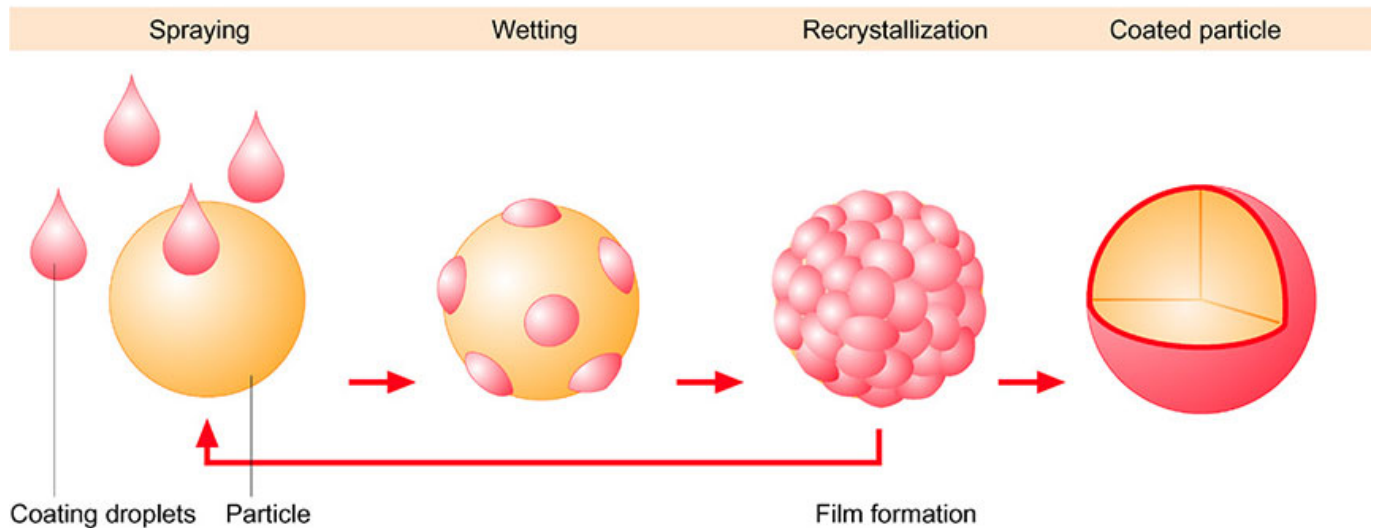
- Less abrasion, smooth surface
- Good flowability
- Masking of taste and smell
- Good protection against light, air and moisture
- Impervious separating layers in the case of multi-layer composition
- Systematic release of active ingredients
- Retarding, delayed dissolving
- Low hygroscopicity

Process principle

A very [even application of the coating material](#) is an important feature of the coating process. Coatings must be dense and without mechanical damage and cracks. Film coating is an effective process for the application of protective films for manipulating the product characteristics (retarding, controlled release).

The coating fluid is sprayed onto the presented solid material. The introduction of the process air evaporates the fluid and dries the film coating. Small droplets and a low viscosity ensure a uniform distribution and consequently a high-quality film ([Bottomspray Coating](#)).

Film coating



Lipid- / Hot-Melt-Coating

Coating or encapsulation of particles by hot-melt coating.



- Protection against moisture
- Temperature-controlled release
- Masking of taste and smell

Process principle

A very [even application of the coating material](#) is an important feature of the coating process. Coatings must be dense and without mechanical damage and cracks. Lipid/Hot melt coating is a very effective process for the application of waxes and molten materials. Because of its lipophilic properties, this method offers special protection against moisture. It is also used for temperature-controlled active ingredient release.

Hot-Melt-Coaten

