

Kollidon® VA 64

Optimized Copovidone for HME

Pharma Solutions.

Focusing on your needs with platform solutions.

Instant & Modified Release | Solubilization | Skin Delivery | Softgels | Biologic Solutions

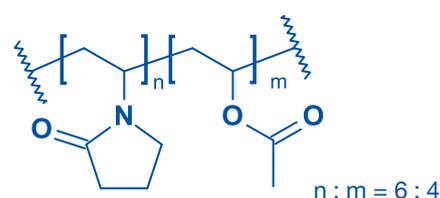
BASF
We create chemistry

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As a pioneer in pharmaceutical hot melt extrusion (HME) BASF is active in this technology since 1985. Kollidon® VA 64 is a key matrix polymer for solid dispersion applications due to its amphiphilic nature. We have continuously used our 30 years of experience to understand the special product requirements for application in hot melt extrusion processes. In cooperation with equipment manufactures and well experienced customers BASF has permanently improved and optimized the product parameters of Kollidon® VA 64 that are most relevant for HME applications. Today, we can offer a tailor made product.*

Kollidon® VA 64

“Copovidone” Ph. Eur., USP
“Copolyvidone” JPE



Kollidon® VA 64 is optimized for extruder processing

Coarse powder

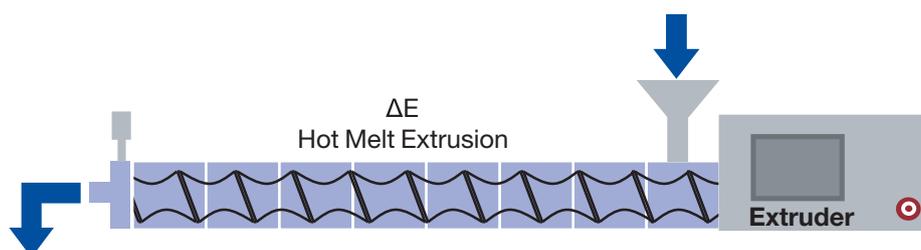
- Dust free handling
- Good flowability
- Faster extruder feeding

Particle size

> 250 µm [%]	≤ 2
< 50 µm [%]	~15 ± 8

Very low water content

- minimized water vapor generation
 - facilitates feeding
 - reduces risk for foaming
 - reduces need for degassing
- reduced risk for API hydrolysis during extrusion



Kollidon® VA 64 shows excellent stability throughout the extrusion process

Kollidon® VA 64 can be extruded up to 220 °C without any polymer degradation.



Kollidon® VA 64 extrudates obtained at different extrusion temperatures