

Kollitab™ DC 87 L

Your new all-in-one tableting solution with filler, binder, disintegrant and lubricant.



How can Kollitab™ DC 87 L help you?

- Superior flowability
- High tablet strength at broad compression forces
- Fast disintegration

Key benefits

Manufacturing

- ✓ Enables fast tablet development
- ✓ Simplifies formulation development
- ✓ Reduces manufacturing complexity

Quality & Regulatory

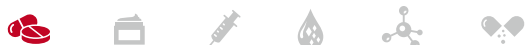
- ✓ Based on monographed excipients
- ✓ Provides advantages of all-in-one products (reduced Quality Control efforts, handling, and documentation)

	Kollitab™ DC 87 L	Ludipress®	Ludipress® LCE	Ludiflash®
Main use	Tablets	Tablets	Lozenges, Chewables, Effervescent	Orodispersables
Benefits	Lubricated all-in-one excipient for simplified direct compression.	Filler, binder and disintegrant for tablets, with flexibility to choose lubricant.	Filler and binder for reduced manufacturing steps.	Extremely fast disintegration with superior mouth feel.
Functionality	Filler, Binder, Disintegrant, Lubricant	Filler, Binder, Disintegrant	Filler, Binder	Filler, Binder, Disintegrant
Composition	Lactose monohydrate, Kollicoat® IR, Crospovidone, SSF*	Lactose monohydrate, Povidone, Crospovidone	Lactose monohydrate, Povidone	Mannitol, Polyvinyl acetate**, Crospovidone
Particle Size Distribution	●●●	●	●●	●
Flowability	●●●	●●	●●	●
Tabletability	●●●	●●	●●	●●●
Compressibility	●●	●	●	●●●
Sensitivity to Overblending	Low	Depends on Lubricant	Depends on Lubricant	Depends on Lubricant

*Sodium stearyl fumarate

**from Kollicoat® SR 30 D

[Data from ZoomLab™ and internal lab testing]



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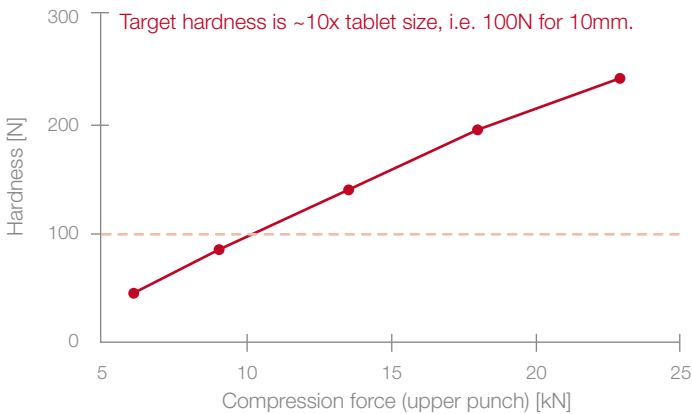
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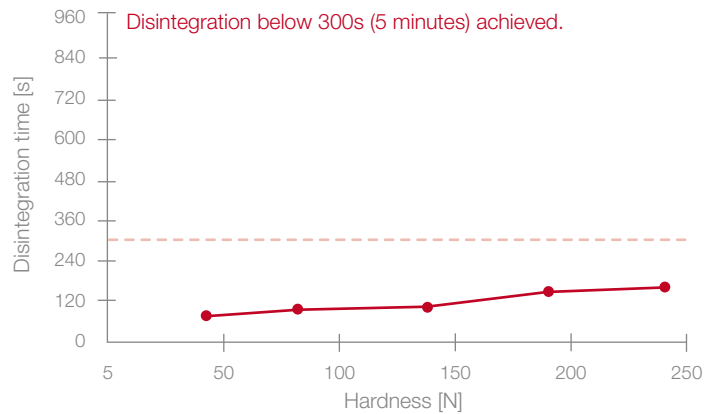
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Kollitab™ DC 87 L Technical Features

High Tablet Strength at Broad Compression Forces



Fast Disintegration for High Strength Tablets



Superior Flow vs. Blend of Individual Excipients

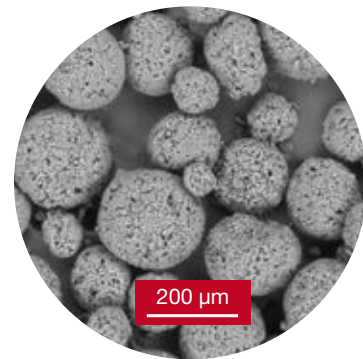
Lower cohesion implies better flowability.

Material	Flow Function	Cohesion (kPa)
Kollitab™ DC 87 L	37	0.17
Lactose Blend*	4	2.00

*Lactose Blend: lactose monohydrate, croscopovidone (Kollidon® CL F), copovidone (Kollidon® VA 64) and sodium stearyl fumarate

Well-designed Particle Shape

Round particle shape leads to superior flowability.



Predict your next drug's starting formulation instantly

Start with an active ingredient, define your target profile, input your preferences, and let the advanced algorithm optimize your formulation.

Leverage ZoomLab™ to accelerate formulation and time-to-market.

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