
Technical Information

Luvitec[®] K Products

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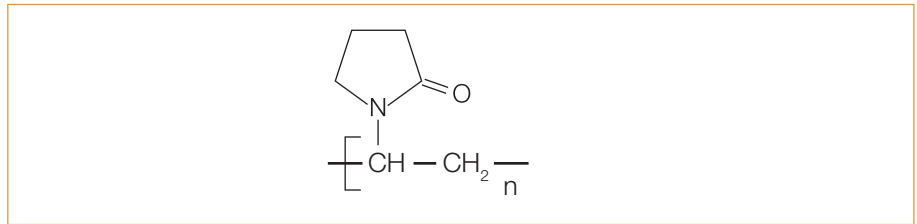
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 **BASF**

We create chemistry

Chemical nature Polyvinylpyrrolidone (PVP)

Structural formula



Technical data

	K value* (1 % in water)	Solids content in %*	Brookfield-Viscosity in mPa·s at 23 °C/ in water in %*	pH value of a 10 % aqueous solution*	Residual NVP in ppm*
Luvitec® K 17 powder	15 – 19	95 – 100		3 – 7	≤ 100
Luvitec® K 30 P SH	27 – 33	95 – 100		3 – 7	≤ 100
Luvitec® K 30 powder	27 – 33	95 – 100		3 – 7	≤ 100
Luvitec® K 82 powder	79 – 84	95 – 100	2500 – 10000 ⁽¹⁾	5 – 9	≤ 100
Luvitec® K 85 powder	84 – 88	95 – 100	5000 – 20000 ⁽²⁾	5 – 9	≤ 100
Luvitec® K 90 powder	88 – 92	95 – 100	10000 – 25000/20 ⁽²⁾	5 – 9	≤ 100
Luvitec® K 90 solution approx. 20 %	90 – 98	19 – 21	10000 – 40000/20 ⁽³⁾	7 – 9	≤ 100

* all data are approx. values. It does not necessarily form part of the product specification.

A detailed product specification is available from our local BASF representative.

⁽¹⁾ spindle 6/100

⁽²⁾ spindle 7/100 rpm

⁽³⁾ spindle 6/50 rpm

For all the Luvitec K products given above, the ash content is ≤ 0.02 %. These values (ash content) refer to the 100 % strength product.

Appearance

The aqueous solutions are clear and colorless to slightly yellowish. The powder products are white.

Odor

Slight characteristic odor.

Storage/Shelf life

The viscosity of aqueous solutions with a pH value over 6 can increase during prolonged storage at elevated temperatures. Acidic solutions with a concentration below 30 % tend to grow mould during storage.

Powder

Luvitec® K 17, Luvitec® K 30, Luvitec® K 82, Luvitec® K 85, Luvitec® K 90 powder have a retest period of at least three years in the unopened original packaging.

Aqueous solution

Luvitec® K 90 solution has a retest period of at least two years in the unopened original packaging between 5 – 35 °C.

Applications

Technical applications

PRD-No.*	Product name	Article numbers	Packaging
30161446	Luvitec® K 17 powder	57858098	50.0 kg PE-Drum
30786356	Luvitec® K 30 powder	57857886	50.0 kg PE-Drum
		56858280	90.0 kg PE-Drum
30671782	Luvitec® K 30 P SH	50512815	45.0 kg PE-Drum
		50868157	50.0 kg PE-Drum
30486035	Luvitec® K 82 powder	56253182	90.0 kg Steel-Drum
30161435	Luvitec® K 85 powder	57883962	90.0 kg Steel-Drum
30161432	Luvitec® K 90 powder	57883856	90.0 kg Steel-Drum
30716986	Luvitec® K 90 solution approx. 20 %	50613042	125.0 kg Plastic drums
		50613043	1000.0 kg Composite IBC

* BASF's commercial product number

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