

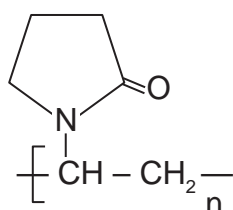
Luvitec® K Products

Adhesive Raw Materials



Chemical nature

Polyvinylpyrrolidone (PVP)



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 30 powder	27 – 33	95 – 100 %		3 – 7	≤ 100
LUVITEC K 30 solution approx. 30 %	27 – 33	29 – 31 %		4 – 8	≤ 100
LUVITEC K 90 powder	88 – 92	95 – 100 %	10000 – 25000/20 ¹	5 – 9	≤ 100
LUVITEC K 90 HM powder	92 – 96	95 – 100 %	15000 – 30000/20 ¹	5 – 9	≤ 100
LUVITEC K 90 powder S	88 – 96	95 – 100 %	10000 – 30000/20 ¹	5 – 9	≤ 100
LUVITEC K 90 solution approx. 20 %	90 – 98	19 – 21 %	10000 – 40000/20 ²	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 7/100 rpm

² spindle 6/50 rpm

For all of 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.

This can be prevented by adding a preservative, e. g. polyhexamethylenebiguanide hydrochloride (PHBH). We do not recommend the use of preservatives that react with compounds, which contains OH- or NH-groups.

Powder

LUVITEC K 30, LUVITEC K 90, LUVITEC K 90 HM, LUVITEC K 90 S powder have a shelf life of at least three years in the unopened original packaging between 10 – 25 °C.

Aqueous solution

LUVITEC K 30 and LUVITEC K 90 solutions have a shelf life of at least two years in the unopened original packaging between 10 – 25 °C.

Applications

Glue sticks

Adhesion, water solubility, non toxic
LUVITEC K 90, K 90 HM

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