

# VINNAPAS® B 30 SPECIAL

VINYLACETATE HOMOPOLYMER, CAS NO. 9003-20-7

## Product description

VINNAPAS® B 30 SPECIAL is a solid, thermoplastic, high molecular homopolymer.

The clear and colorless resin is prepared by polymerization of vinyl acetate.

VINNAPAS® B 30 SPECIAL is tasteless.

## Application

Typical applications for VINNAPAS® B 30 SPECIAL:

- fiber reinforced plastics
- adhesives
- additive in lacquers
- gum base

## Processing

### Product data

Melt viscosity, 100% Polymer

Bohlin high temperature viscosimeter

100 °C	~ 9800 Pa·s
120 °C	~ 2000 Pa·s
140 °C	~ 600 Pa·s
160 °C	~ 200 Pa·s

## Storage

To prevent caking VINNAPAS® B 30 SPECIAL should not be stored at temperatures above 20°C. Storage conditions must be dry; material must be protected from direct sun exposure.

Under these conditions the product has a shelf life of at least 24 months.

## Packaging

VINNAPAS® B 30 SPECIAL is supplied in 25 kg PE-Bags. Big Bag is available on request.

## Additional information

### Health regulations

VINNAPAS® B 30 SPECIAL satisfies the requirements of the german "Zusatzstoff-Zulassungsverordnung (ZZuIV)".

VINNAPAS® B 30 SPECIAL also satisfies the requirements of FDA 21 CFR §172.615 and meets all of the requirements in the specification for polyvinyl acetate as set forth in Food Chemicals Codex (FCC), 5th Edition, 2004.

Further information is available upon request.

VINNAPAS® B 30 SPECIAL is Kosher certified.

If VINNAPAS® B 30 SPECIAL is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® B 30 SPECIAL is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## Product data

Specification data	Inspection Method	Value
Viscosity (10% in ethylacetate)	DIN 53015 (20°C)	3,0 - 3,5 mPa*s
Acid number	WACKER method	0,05 % acidic acid
Residual monomer	WACKER method	< 5 ppm

Values are documented in the certificate of analysis.

Typical general characteristics	Inspection Method	Value
Volatiles	WACKER method	< 1 wt. %
Bulk density	DIN 53466	550 - 800 kg/m <sup>3</sup>
	Visual	solid, colorless pellets, odorless and tasteless

Typical general characteristics	Inspection Method	Value
Density of the polymer	DIN EN ISO 1183 /1-3	approx. 1,18 g/cm <sup>3</sup>
K-value	DIN 53726	31 - 35
Softening point	DIN ISO 4625, by Ring and Ball	92 - 96 °C
Molecular weight ( $M_V$ )	SEC, PS-Standard	45000 - 55000
Glass transition temperature	DSC DIN EN ISO 11357-2	approx. 39 °C

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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For technical, quality, or product safety questions, please contact:

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