

VINNAPAS® B 100

VINYLACETATE HOMOPOLYMER, CAS NO. 9003-20-7

Product description

VINNAPAS® B 100 is a solid, thermoplastic, high molecular homopolymer.

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

VINNAPAS® B 100 is tasteless.

Application

Typical applications for VINNAPAS® B 100:

- fiber reinforced plastics
- adhesives
- additive in lacquers

Processing

Product data

Melt viscosity, 100% Polymer

Bohlin high temperature viscosimeter

140 °C	~ 33000 Pa·s
160 °C	~ 13000 Pa·s
180 °C	~ 5000 Pa·s
200 °C	~ 1600 Pa·s

Solid content in styrene	Viscosity Brookfield RVT, 20 RPM, 23°C (PML 002)
20 %	70 mPa·s
30 %	292 mPa·s
40 %	1485 mPa·s

Storage

To prevent caking VINNAPAS® B 100 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 100 is supplied in 25 kg PE-Bags. Big Bag is available on request.

Additional information

If VINNAPAS® B 100 is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® B 100 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)	5,0 - 6,5 mPa*s
Acid number / saponification number	WACKER method	< 0,5 mg KOH/g
Volatiles	WACKER method	< 0,5 wt. %
Typical general characteristics	Inspection Method	Value
Bulk density	DIN 53466	550 - 800 kg/m ³
Supply form	Visual	solid, colorless pellets, odorless and tasteless
Density of the polymer	DIN EN ISO 1183 /1-3	approx. 1,18 g/cm ³
K-value	DIN 53726	41 - 45
Softening point	DIN ISO 4625, by Ring and Ball	103 - 110 °C
Molecular weight (M _w)	SEC, PS-Standard	80000 - 100000
Glass transition temperature	DSC (DIN 53765 / ISO 11357-5)	approx. 42

These figures 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

WACKER is a trademark of Wacker Chemie AG.
VINNAPAS® is a trademark of Wacker Polymer Systems GmbH & Co. KG.

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

Wacker Polymer Systems GmbH & Co. KG
Johannes-Hess-Strasse 24
84489 Burghausen, Germany
info.polymers@wacker.com

www.wacker.com