

VINNAPAS® B 60 sp

Vinylacetate homopolymer, CAS No. 9003-20-7

Characteristics

VINNAPAS® is the registered trademark for the thermoplastic synthetic resin, polyvinyl acetate, manufactured by WACKER.

VINNAPAS® B 60 sp is a solid, colorless polymer based on vinyl acetate. It is virtually odorless and tasteless.

Applications

VINNAPAS® B 60 sp is used as raw material for

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

Product data

Melt viscosity, 100% Polymer
Bohlin high temperature viscosimeter

100 °C	~ 21000 Pa·s
120 °C	~ 4100 Pa·s
140 °C	~ 1200 Pa·s
160 °C	~ 400 Pa·s

Storage

To prevent caking, VINNAPAS® B 60 sp 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.

Product data

Property	Test procedure	Unit	Value	Tolerance
Viscosity (10% in ethylacetate)	DIN 53 015 (20°C)	mPa·s	4,25	+/- 0,75
Acid number	WACKER method	% acetic acid	< 0,05	
Volatiles	WACKER method	% by wt.	< 1,0	
Residual monomer	WACKER method [VAM]	ppm	< 5,0	
Apparent bulk density*	DIN 53466	g/l	675	+/- 125
Supply form*	Solid, colorless pellets, odorless and tasteless			
Density of the polymer*	DIN 53 479	g/cm³	ca. 1,18	
K value*	DIN 53 726		40	+/- 2,0
Softening point*	ASTM: E 28-97, by Ring and Ball	°C	< 99	+/- 3,0
Molecular weight (Mw)*	SEC, PS-Standard		90 x 10³	+/- 10 x 10³
Glass transition temperature*	DSC (DIN 53765 / ISO 11357-5)	°C	ca. 42	

* These figures are only intended as a guide and should not be used in preparing specifications.

Package

VINNAPAS® B 60 sp is supplied in 25kg PE bags.
Big Bag is available on request.

Additional information

If VINNAPAS® B 60 sp is used for applications other than those recommended, the choice, processing methods and use of the end product are the sole responsibility of the customer. All legal and other regulations must be complied with.

Health regulations

VINNAPAS® B 60 sp satisfies the requirements of the German Kaugummiverordnung (chewing gum regulations) of 09.12.1959 and its amendment of 20.09.1972. It also satisfies the requirements of FDA § 172.615.

Safety information

VINNAPAS® B 60 sp is not classified as a hazardous chemical under the German Gefahrstoffverordnung (1997 amendment (No. 11)).

Detailed safety information and information about national registrations are contained in the material safety data sheets, which can be obtained from our website www.wacker.com or our sales office.

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.

Version 3.20 from 01-02-06 replaces
Version 3.10 from 15-09-05

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

Wacker Polymer Systems GmbH
& Co. KG
Johannes-Hess-Straße 24
D-84489 Burghausen

www.wacker.com
info.polymers@wacker.com