VINNAPAS® B 30 SPECIAL

VINYL ACETATE HOMOPOLYMER, CAS NO. 9003-20-7

Product description

VINNAPAS® B 30 SPECIAL is a food grade vinyl acetate homopolymer in solid form. The thermoplastic polymer is transparent, colorless, tasteless and odorless.

Application

Typical applications for VINNAPAS® B 30 SPECIAL:
- gum base
- adhesives
- additive in lacquers
- fiber reinforced plastics

Processing

Product data
Melt viscosity, 100% Polymer
Bohlin, parallel plates, oscillation mode

100 °C	~ 6000 Pa·s
120 °C	~ 1200 Pa·s
140 °C	~ 200 Pa·s
160 °C	~ 60 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 Paper Bags. Big Bag is available on request.

Additional information

Health regulations
VINNAPAS® B 30 SPECIAL is in compliance with:

- FDA 21 CFR 172.615
- Food Chemicals Codex (FCC)
- Chinese regulation on gum base
- German regulation on Food Additives (ZZulV)
- French regulation on gum base
- Italien regulation on gum base
- Spanish regulation on gum base
- Japanese regulation on Food Additives

Further information is available upon request.

VINNAPAS® B 30 SPECIAL is Kosher certified.

GMO status: VINNAPAS® B 30 SPECIAL is a synthetic polymer. All raw materials derived from a chemical reaction. Therefore VINNAPAS® B 30 SPECIAL needs not to be labeled according Regulation 1829/2003/EC and 1830/2003/EC.

Allergen status: VINNAPAS® B 30 SPECIAL does not contain allergens listed in Directive 2003/89/EC or Directive 2006/142/EC.

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)	ASTM D 445 - 06	3,0 - 3,5 mPa*s
Free acetic acid	specific method	max. 0,05 wt. %
Acid number		max. 0,5 mg KOH/g
Residual monomer	FCC	max. 5 ppm

Values are documented in the certificate of analysis.

Typical general characteristics	Inspection Method	Value
Loss on drying	FCC	max. 1,0 %
Bulk density	DIN 53466	730 kg/m³
	Visual	solid, colorless pellets, odorless and tasteless
Density of the polymer	DIN EN ISO 1183 /1-3	approx. 1,18 g/cm³
Softening point (Mettler)	ASTM 3104	113 °C
Molecular weight (M_W)	SEC, PS-Standard	50000
Glass transition temperature	DSC DIN EN ISO 11357-2	40 °C

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

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

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