

VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG

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

Product description

VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG is a food grade vinyl acetate homopolymer in solid form. The thermoplastic polymer is transparent, colorless, tasteless and odorless.

Application

Typical applications for VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG:

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

Processing

Product data

Melt viscosity, 100% Polymer

Bohlin, parallel plates, oscillation mode

100 °C	~ 1100 Pa·s
120 °C	~ 120 Pa·s
140 °C	~ 30 Pa·s
160 °C	~ 10 Pa·s

Storage

To prevent caking VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG 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 N 5 SP, PE-BOTTLE 0,750 KG is supplied in 25 kg PE Bags. Big Bags are available on request.

Additional information

Health regulations

VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG is in compliance with:

- FDA 21 CFR 172.615
- Food Chemicals Codex (FCC)
- Chinese regulation on gum base
- German regulation on Food Additives (ZZuIV)
- 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.

GMO status: VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG is a synthetic polymer. All raw materials derived from a chemical reaction. Therefore VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG needs not to be labeled according Regulation 1829/2003/EC and 1830/2003/EC.

Allergen status: VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG does not contain allergens listed in Directive 2003/89/EC or Directive 2006/142/EC.

If VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG is used in applications other than those mentioned, the choice, processing and use of VINNAPAS N 5 SP, PE-BOTTLE 0,750 KG 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 445-12	1,6 - 2,0 mPa*s
Free acetic acid	specific method	max. 0,05 wt. %
Acid number	specific method	max. 0,5 mg KOH/g
Residual monomer (vinyl acetate)	FCC	max. 5 mg/kg
Loss on drying	FCC	max. 1,0 %

Values are documented in the certificate of analysis.

Typical general characteristics	Inspection Method	Value
Bulk density	DIN 53466	730 kg/m ³
Supply form	Visual	solid, colorless pellets, odorless and tasteless
Density of the polymer	DIN 66137-2	approx. 1,19 g/cm ³
Mettler softening point	ASTM 3104	95 °C
Molecular weight (M _V)	SEC, PS-Standard	25000
Glass transition temperature	DSC	34 °C
	DIN EN ISO 11357-2	

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

The data presented in this medium 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 medium 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 information provided by us does 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 product 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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