VINNAPAS® N 60 SP

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

Product description

VINNAPAS® N 60 SP 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 60 SP:
- gum base
- adhesives
- additive in lacquers
- fiber reinforced plastics

Processing

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

100 °C	~ 8000 Pa·s
120 °C	~ 2600 Pa·s
140 °C	~ 500 Pa·s
160 °C	~ 120 Pa·s

Storage

To prevent caking VINNAPAS® N 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.

Packaging

VINNAPAS® N 60 SP is supplied in 25 kg PE Bags. Big Bags are available on request.

Additional information

Health regulations
VINNAPAS® N 60 SP 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.

GMO status: VINNAPAS® N 60 SP is a synthetic polymer. All raw materials derived from a chemical reaction. Therefore VINNAPAS® N 60 SP needs not to be labeled according Regulation 1829/2003/EC and 1830/2003/EC.

Allergen status: VINNAPAS® N 60 SP does not contain allergens listed in Directive 2003/89/EC or Directive 2006/142/EC.

If VINNAPAS® N 60 SP is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® N 60 SP 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	3,5 - 5,0 mPa*s
Free acetic acid	specific method	max. 0,05 %
Acid number	specific method	max. 0,5 mg KOH/g
Residual monomer	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/m³
Supply form	Visual	solid, colorless pellets, odorless and tasteless
Density of the polymer	DIN 66137-2	approx. 1,19 g/cm³
Mettler softening point	ASTM 3104	119 °C
Molecular weight (M_W)	SEC, PS-Standard	65000
Glass transition temperature	DSC DIN EN ISO 11357-2	42 °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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