

VINNAPAS® C 341

VINYL ACETATE COPOLYMER, CAS NO. 25609-89-6

Product description

VINNAPAS® C 341 is a solid, colorless to pale yellowish copolymer of vinyl acetate and crotonic acid.

Application

Typical applications for VINNAPAS® C 341:

- fiber reinforced plastics

Processing

Product data

Melt viscosity, 100% Polymer

Bohlin high temperature viscosimeter

100 °C ~ 6100 Pa·s

120 °C ~ 1700 Pa·s

140 °C ~ 300 Pa·s

160 °C ~ 90 Pa·s

Solid content in styrene Viscosity Brookfield RVT,
20 RPM, 23°C (PML 002)

20 % 80 mPa·s

30 % 220 mPa·s

40 % 1040 mPa·s

Storage

To prevent caking VINNAPAS® C 341 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 12 months starting from the date of receipt.

Packaging

VINNAPAS® C 341 is supplied in 25 kg Paper Bags. Big Bag is available on request.

Additional information

If VINNAPAS® C 341 is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® C 341 is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

Further information is available upon request.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from WACKER sales offices or may be downloaded from the WACKER Web site www.wacker.com/vinnapas.

Product data

Specification data	Inspection Method	Value
Viscosity (10% in ethyl acetate), 20 °C	ASTM D 445 - 06	3,5 - 3,8 mPa*s
Acid number	specific method	6 - 8 mg KOH/g
Typical general characteristics	Inspection Method	Value
Volatiles	specific method	< 0,5 wt. %
Supply form		solid, colorless to pale yellowish flakes
Density of the polymer	DIN EN ISO 1183 /1-3	approx. 1,18 g/cm ³
K-value	DIN 53726	33,5 - 35,5
Softening point	DIN ISO 4625, by Ring and Ball	approx. 98 °C
Molecular weight (M _w)	SEC, PS-Standard	approx. 60000 g/mol
Glass transition temperature	DSC (DIN 53765 / ISO 11357-5)	approx. 42 °C

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

WACKER® is a trademark of Wacker Chemie AG. VINNAPAS® is a trademark of Wacker Chemie AG.

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

Wacker Chemicals (China) Co., Ltd.
Bldg. 3, 1535 Hongmei Road
Shanghai 200233
info@wacker.com
www.wacker.com