VINNAPAS® C 341

VINNAPAS®

Polyvinyl Acetate & Copolymers

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

Technical data

Specification

Property	Condition	Value	Method
Acid number	-	6.0 - 8.0 mg KOH/g	specific method
Viscosity in 10 % ethyl acetate	20.0 °C	3.5 - 3.8 mPa·s	ASTM D 445 - 06

General Characteristics

Property	Condition	Value	Method
Supply form	-	solid, colorless to pale yellowish flakes	-
Density of the polymer	-	approx. 1.18 g/cm^3	DIN EN ISO 1183 /1-3
K-value	-	33.5 - 35.5	DIN 53726
Softening point	-	approx. 118 °C	ASTM D 3104
Molecular weight (Mw)	-	approx. 60000 g/mol	SEC, PS-Standard
Glass transition temperature	-	approx. 42 °C	DSC (DIN 53765 / ISO 11357-5)
Volatiles	-	< 0.5 wt. %	specific method

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

Applications

- Composites
- Resin Modification for Composites

Application details

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 Viscosity Brookfield RVT,
in styrene 20 RPM, 23°C (PML 002)
20 % 80 mPa·s
30 % 220 mPa·s
40 % 1040 mPa·s

Additional information

If the product is used in applications other than those mentioned, the choice, processing and use of the product is the sole responsibility of the purchaser. All legal and other regulations must be complied with.
For questions concerning food contact status according the chapter 21 CFR (US FDA) and German BfR, please feel free to contact us.
Wacker Chemie AG Hanns-Seidel-Platz 4 D-81737 München Germany

Packaging and storage

Packaging

VINNAPAS® C 341 is supplied in 25 kg Paper Bags.

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.

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.

QR Code VINNAPAS® C 341

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

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