

VINNAPAS[®] LL 8251



Polyvinyl Acetate & Copolymers

VINNAPAS[®] LL 8251 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 - 9.0 mg KOH/g	specific method
Viscosity in 10 % ethyl acetate	20.0 °C	2.0 - 2.3 mPa·s	ASTM D 445 - 06

General Characteristics

Property	Condition	Value	Method
Bulk density	-	approx. 700 kg/m ³	DIN 53466
Supply form	-	solid, colorless to pale yellowish flakes	Visual
Density of the polymer	-	approx. 1.20 g/cm ³	DIN EN ISO 1183 /1-3
K-value	-	approx. 25	DIN 53726
Molecular weight (Mw)	-	approx. 30000 g/mol	SEC, PS-Standard
Glass transition temperature	-	approx. 37 °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.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

Applications

- Antishrinkage Additives
- Composites
- Resin Modification for Composites

Application details

Typical applications for VINNAPAS® LL 8251:

- fiber reinforced plastics

Processing - Product Data

Melt viscosity, 100% Polymer

Bohlin high temperature viscosimeter

100 °C ~ 2600 Pa·s

120 °C ~ 210 Pa·s

140 °C ~ 50 Pa·s

Solid content Viscosity Brookfield RVT,

in styrene 20 RPM, 23°C (PML 002)

40 % 300 mPa·s

50 % 1200 mPa·s

60 % 9200 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.

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Packaging and storage

Packaging

VINNAPAS® LL 8251 is supplied in 25 kg Paper Bags. 500 kg Big Bag is available on request.

Storage

To prevent caking VINNAPAS® LL 8251 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® LL 8251



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

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