

VINNAPAS® LL 8251

VINYLACETATE COPOLYMER, CAS NO. 25609-89-6

Product description

VINNAPAS® LL 8251 is a solid, colorless to pale yellowish copolymer of vinyl acetate and crotonic acid.

Application

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 in styrene Viscosity Brookfield RVT, 20 RPM, 23°C (PML 002)
40 % 300 mPa·s
50 % 1200 mPa·s
60 % 9200 mPa·s

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.

Packaging

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

Additional information

If VINNAPAS® LL 8251 is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® LL 8251 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. 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)	DIN 53015 (20°C)	2,00 - 2,30 mPa*s
Acid number / saponification number	WACKER method	6 - 9 mg KOH/g
Typical general characteristics	Inspection Method	Value
Volatiles	WACKER method	< 0,5 wt. %
Bulk density	DIN 53466	approx. 700 kg/m ³
Supply form	Visual	solid, colorless to pale yellowish flakes
Density of the polymer	DIN EN ISO 1183 /1-3	approx. 1,20 g/cm ³
K-value	DIN 53726	approx. 25
Molecular weight (M _w)	SEC, PS-Standard	approx. 30000
Glass transition temperature	DSC (DIN 53765 / ISO 11357-5)	approx. 37 °C

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

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products 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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